



TRANSPORTATION COMMISSION
Monday, April 2, 2018 6:00 PM
City Commission Room, City Hall, 6 E. 6th Street

MEETING AGENDA

1. Approve Feb 28, 2018 Study Session minutes and Mar 25, 2018 Regular Meeting minutes

2. General Public Comment

The public is allowed to speak to any items or issues that are not scheduled on the regular agenda. Each person or organization will be limited to three (3) minutes. As a general practice, the Commission will not discuss/debate these items, nor will the Commission make decisions on items presented at this time. Individuals are asked to come to the microphone, sign in, and state their name and address. Speakers should address all comments to the Commission.

3. 2017/2018 Pedestrian/Bike/Ramp Projects and 2017/2018 CDBG Projects

Action: Approve proposed project lists for the 2017/2018 Pedestrian/Bike/Ramp Projects and 2017/2018 CDBG Projects.

4. Appoint Liaison for the MPO Countywide Bikeway Plan

Action: Appoint a Transportation Commission liaison to the Metropolitan Planning Organization Bicycle Advisory Committee for the update to the Countywide Bikeway Plan

5. Receive the approved T2040 plan

Action: Receive the Lawrence - Douglas County Metropolitan Planning Organization's approved long range transportation plan called Transportation 2040 (T2040)

www.lawrenceks.org/mpo/t2040

6. Staff Items

7. Commission Items

8. Calendar

Next Study Session – March 21, 3:30 PM

9. Adjournment

City of Lawrence
Transportation Commission Study Session
February 28, 2018 Minutes

MEMBERS PRESENT: Charlie Bryan, Mark Hurt, Steve Evans, Erin Paden, Donna Hultine, Ron May

MEMBERS ABSENT: Michele Dillon, John Ziegelmeier, Kathryn Schartz

STAFF PRESENT: David Cronin, Public Works Department
Amanda Sahin, Public Works Department
Jessica Mortinger, Senior Transportation Planner
Ashley Meyers, Transportation Planner
Ryan Pearson,
Margaret Campbell

A complete video recording of the meeting is available on the City's website at <https://lawrenceks.org/boards/transportation-commission/>

1. T2040 Update

Jeff Crick presented information on population data and Jessica Mortinger provided an update on T2040 ([T2040 Draft Document](#))

Population Data

February
2018

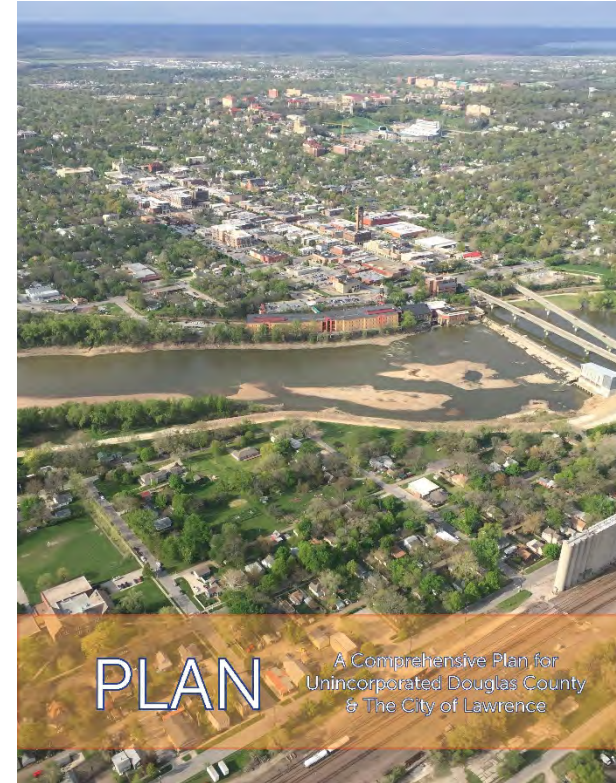


City of Lawrence
Douglas County
PLANNING & DEVELOPMENT SERVICES



Background

- Steering Committee
- 18+ Months of Public Input
- **Issue Action Report**
 - 6 Priority Items
 - 19 Key Issues



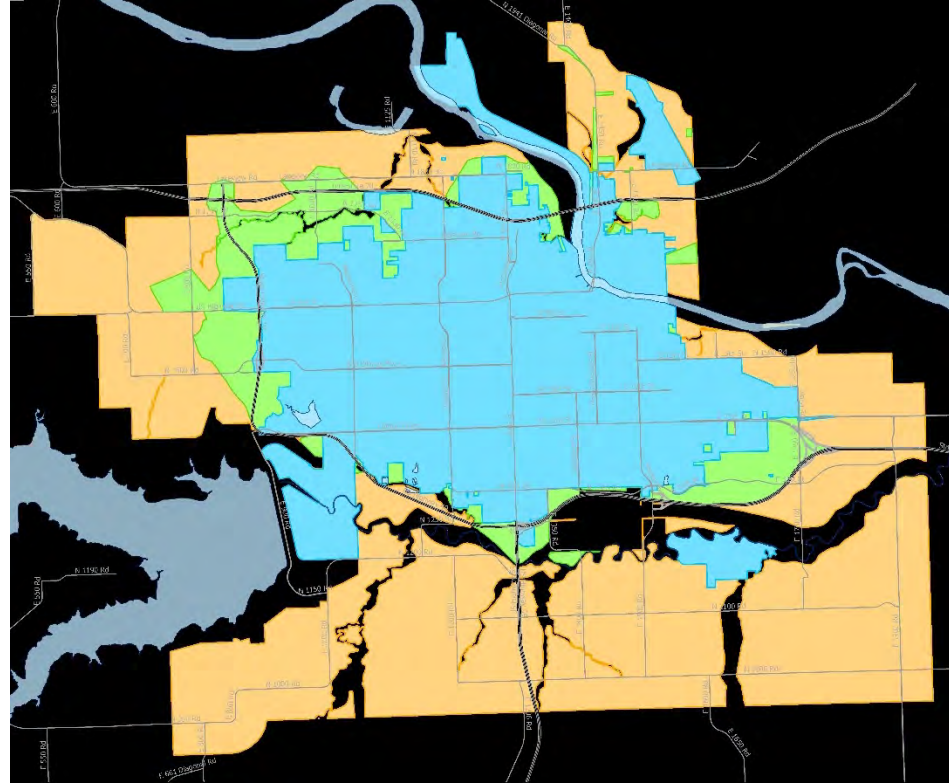
Issue Action Report

- Manage Future Growth
- Encourage Infill Development
- Increasing Height & Density
- Transportation Enhancements

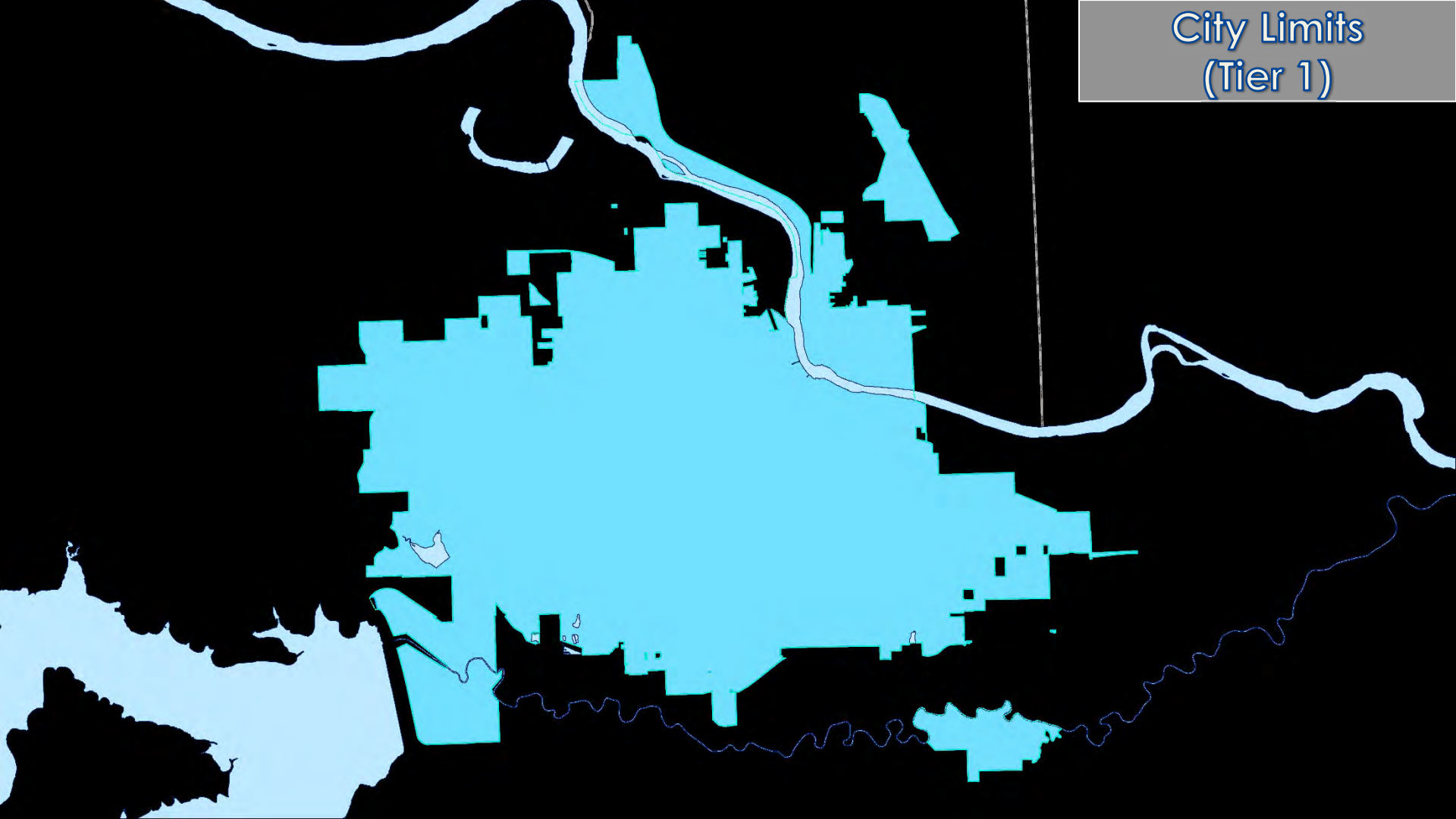


Growth Management

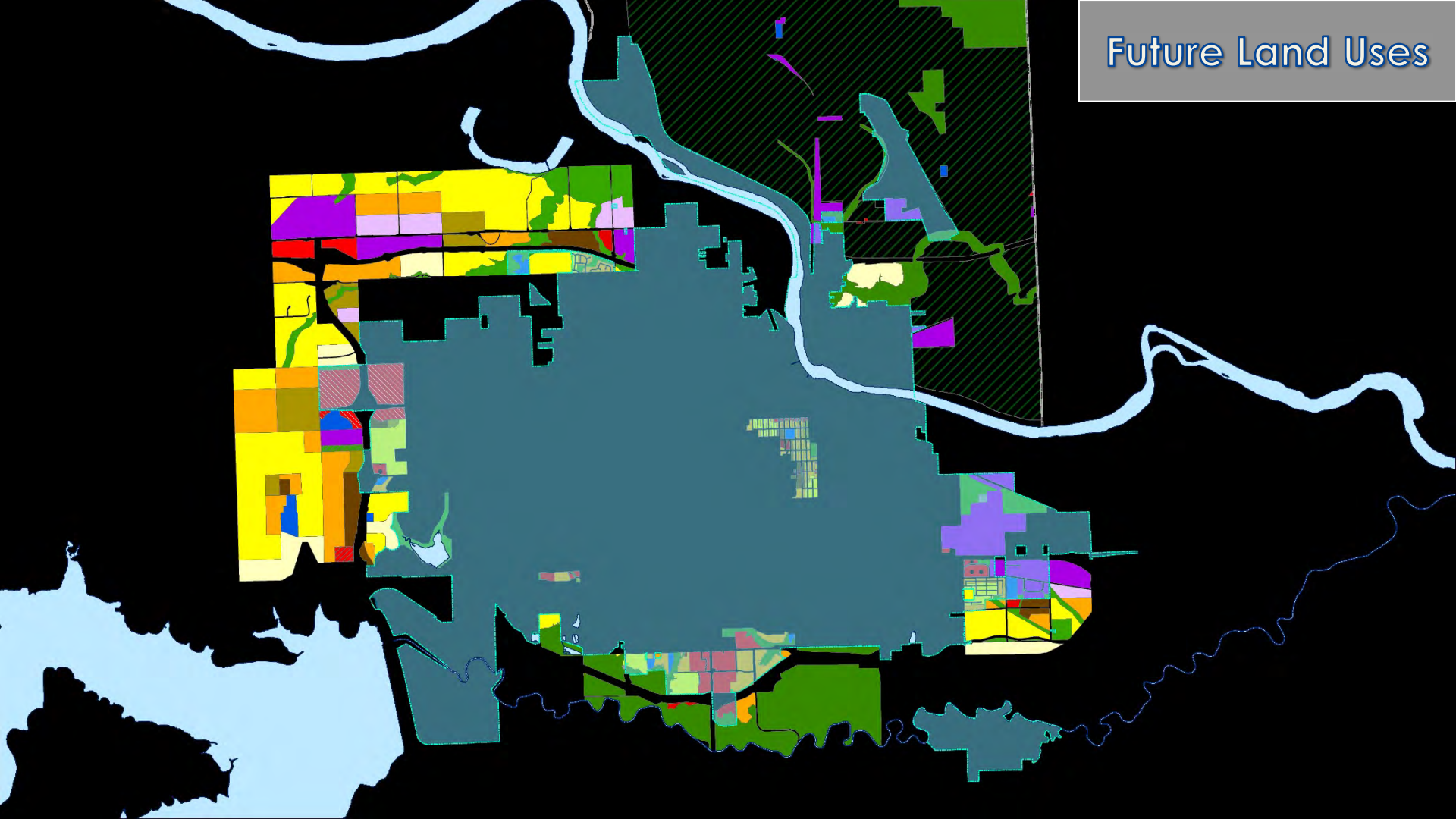
- 3 Tiers
 - Tier 1: City Limits
 - Tier 2: Annexation
 - Tier 3: Beyond Plan



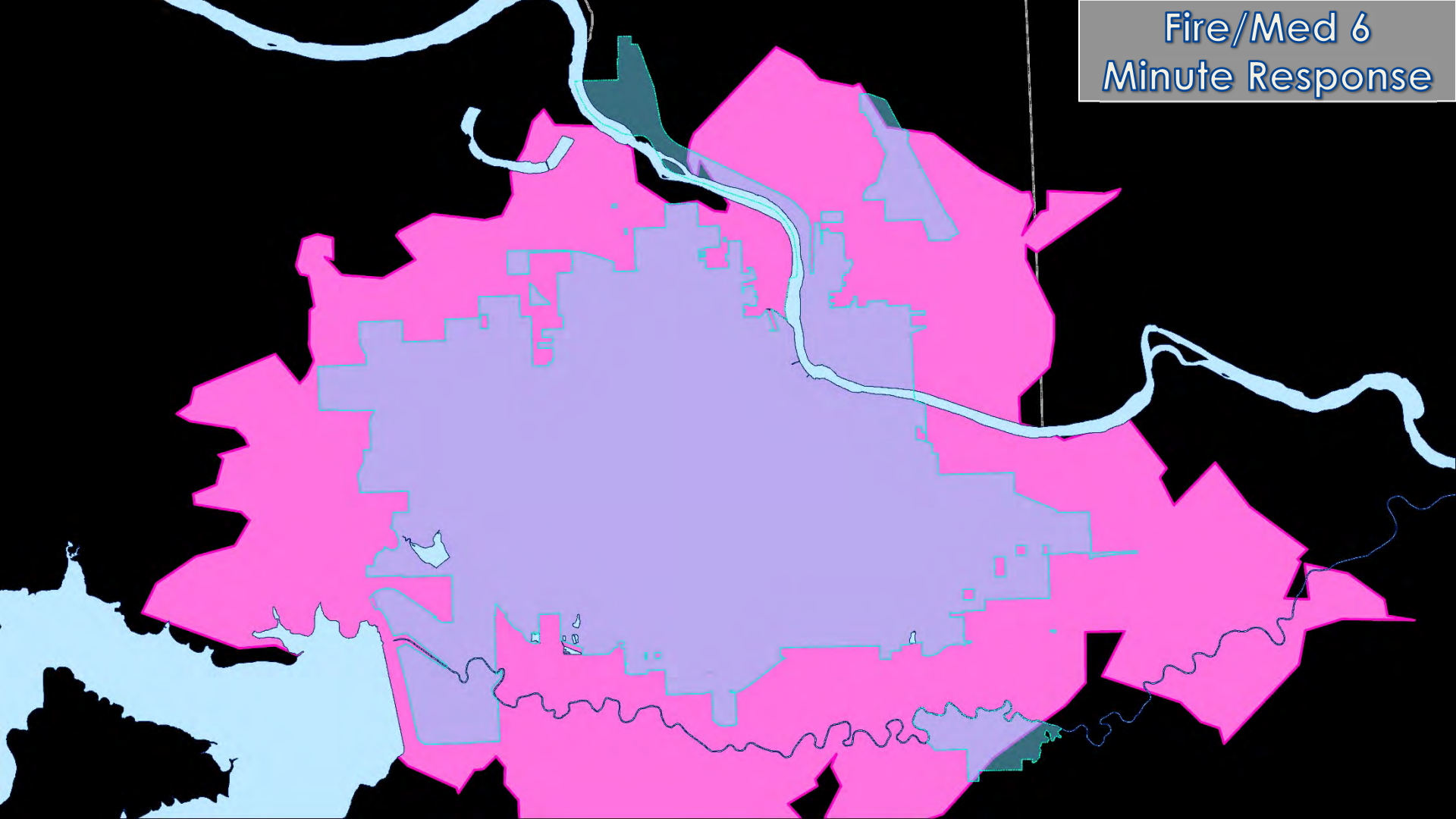
City Limits
(Tier 1)



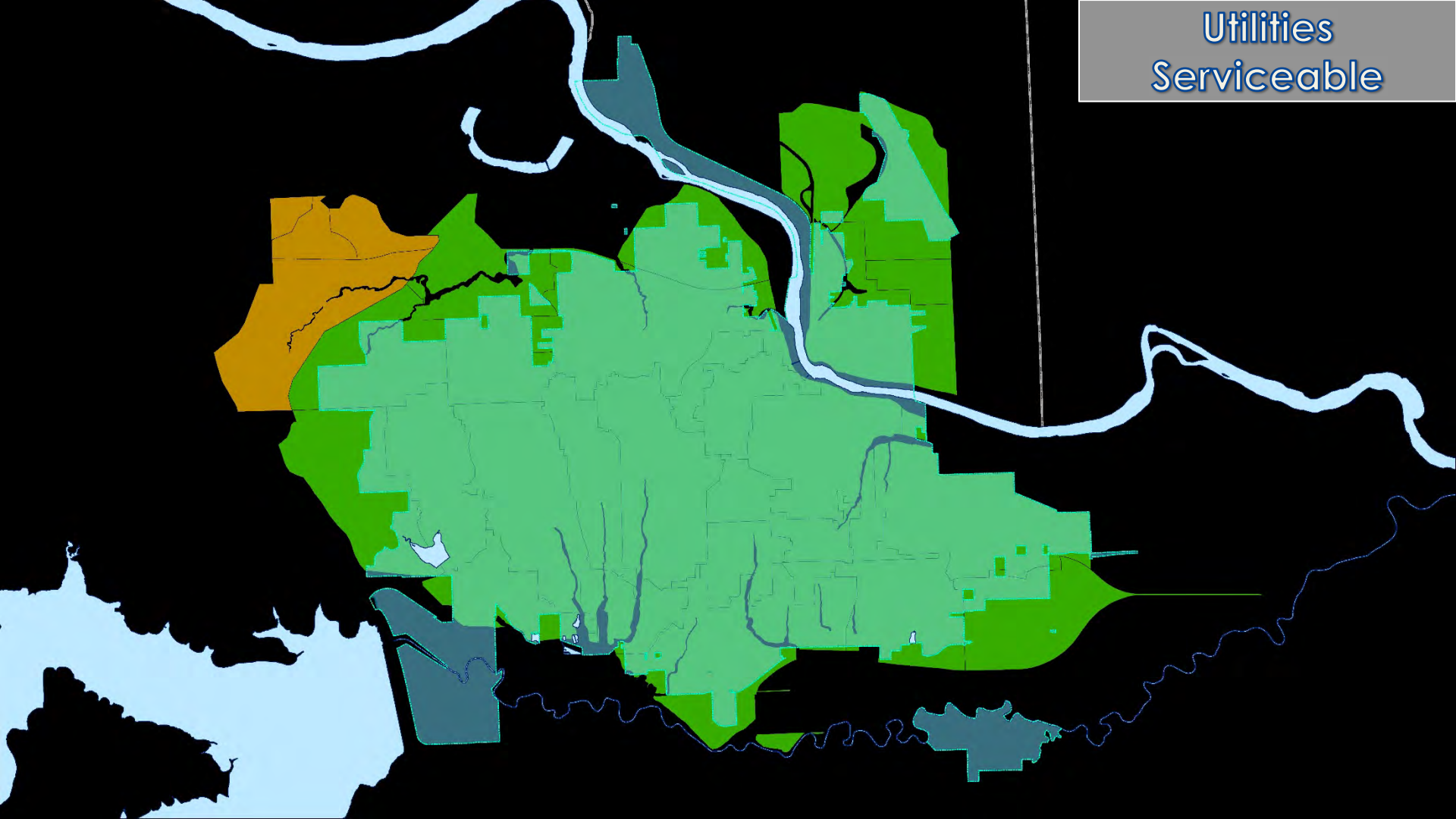
Future Land Uses



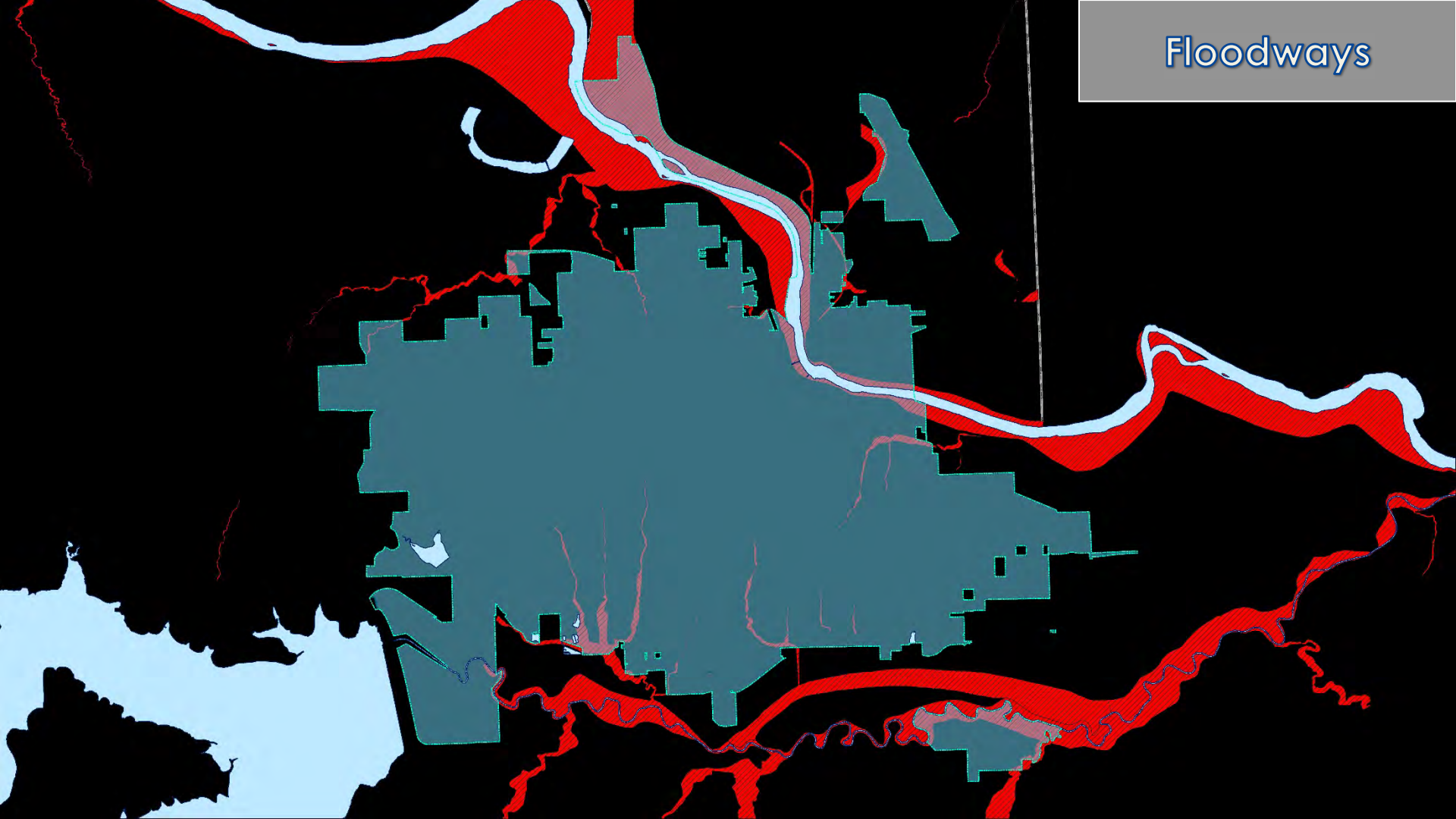
Fire/Med 6
Minute Response



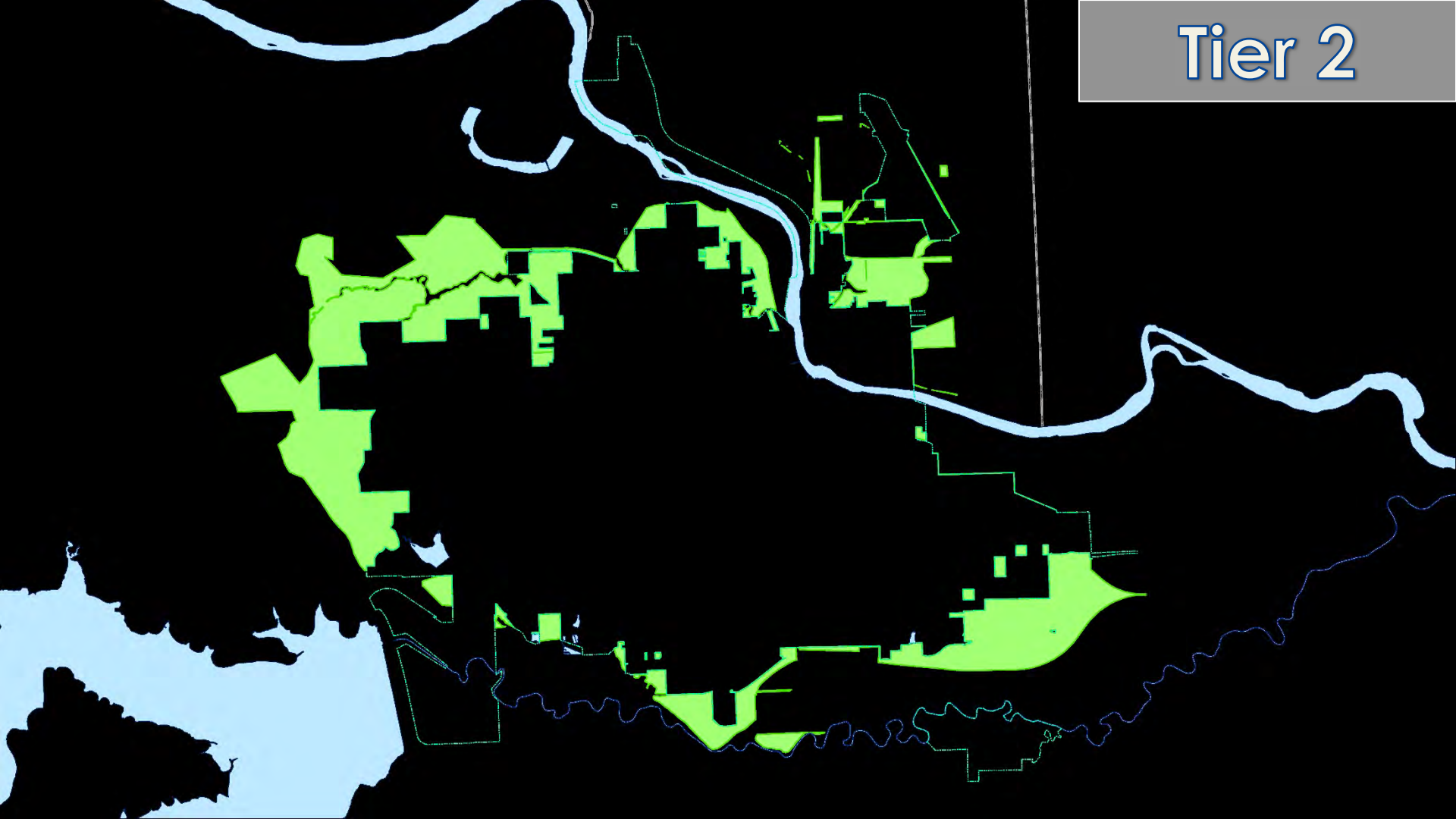
Utilities
Serviceable



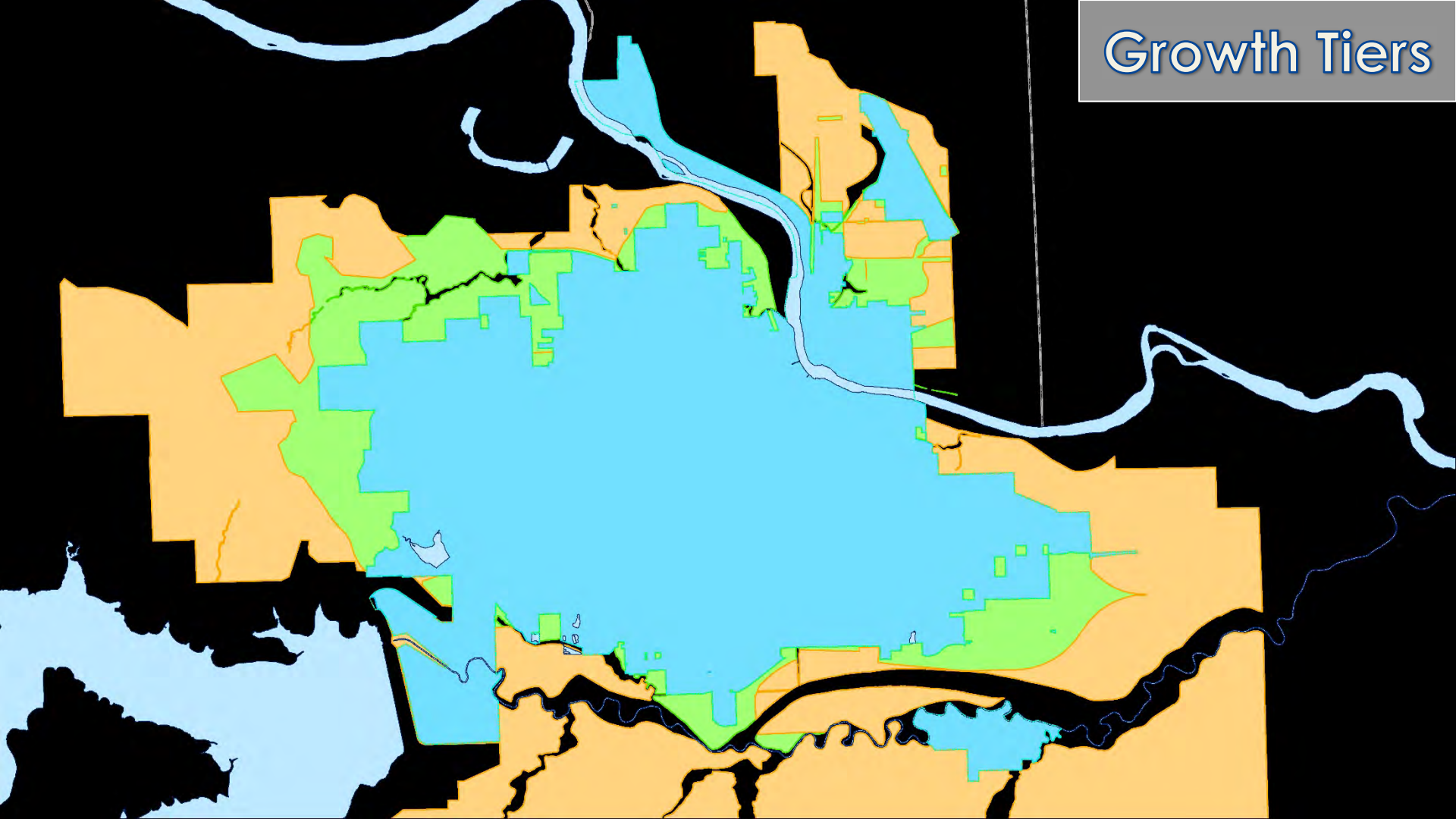
Floodways



Tier 2



Growth Tiers



Tier Population Estimates

Lawrence Population (2017)	99,496
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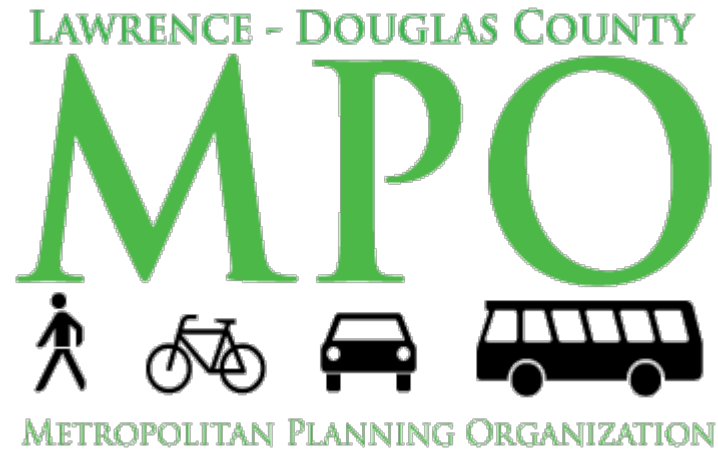
Tier 1 Est. Capacity	+17,400
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Tier 2 Est. Capacity	+18,500
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Estimated Population	135,300
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Estimated Timeframe	2050
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2040 Estimated Population	122,600
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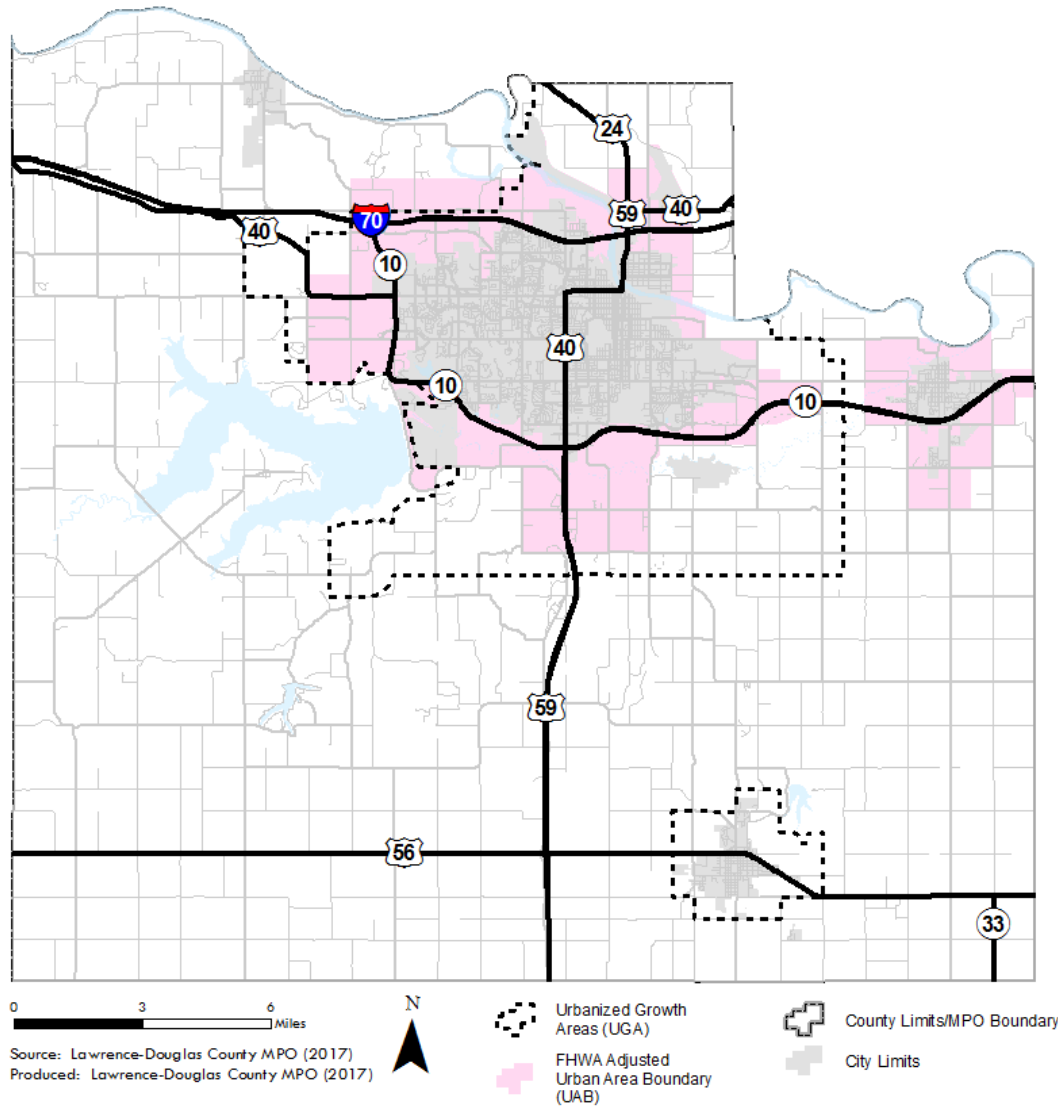


Transportation 2040

Metropolitan Transportation Plan
Lawrence – Douglas County

Douglas County Planning Area

2



Population

2016 Fact Finder

Total DG County:

119,440

Lawrence: 95,358

Eudora: 6,379

Baldwin City: 4,677

Lecompton: 638

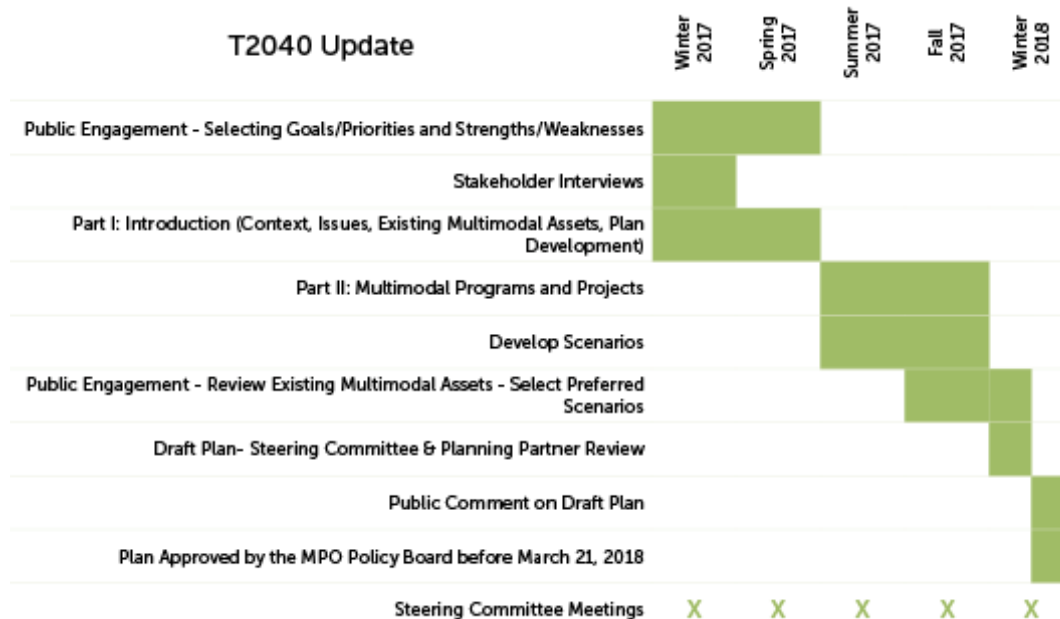


Plan Development

Metropolitan Transportation Plan – Federal Requirements



- Considers Planning Factors
- Collaborative Process
- Serves as the defining vision for transportation systems and services
- Plan covers 20 years
- Updated every 5 years
- Includes Federal Performance Measures
- Fiscally Constrained



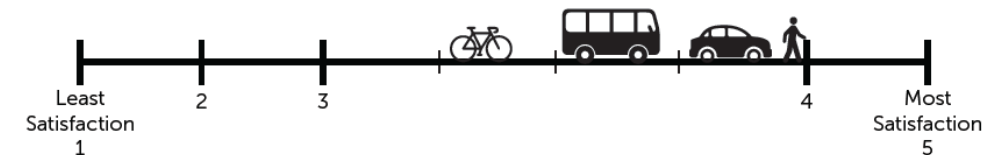
Public Involvement

5



Community members were asked *“What should be the Lawrence-Douglas County MPO’s priorities for planning a regional comprehensive transportation system?”* Respondents were asked to rank each of the following responses from 1-4 and identify the top strategy to support that priority.

Priority	Strategy
1 st Priority – To move people -	Maintain existing roads, sidewalks and bikeways
2 nd Priority -To create jobs -	Improve employees’ access to current employment centers
3 rd Priority – To strengthen neighborhoods-	Provide streets/sidewalks that are comfortable for bicycles and pedestrians
4 th Priority - To protect the environment -	Reduce reliance on fossil fuels







Existing Conditions & Identified Needs

	Estimated Need	Entity	Description
People who bicycle	\$ 31,209,926	Countywide	Bicycle infrastructure
	\$ 2,397,000	Lawrence	Identified programmed bikeway projects
People who walk	\$ 4,770,810	Countywide	Sidewalk maintenance on the priority network
	\$ 14,776,590	Countywide	Sidewalk installation on both sides of the street on the priority network
	\$ 2,497,000	Countywide	Sidewalk installation on one side of the street on the priority network
	\$ 4,428,000	Countywide	Repair or construct ADA curb ramps
	\$ 533,000	Lawrence	Identified programmed pedestrian projects
	\$ 193,282,400	Lawrence	24 yrs of \$6.75 million annual Lawrence Transit operations at current level of service
People who ride transit	\$ 14,315,500	Lawrence	24 yrs of \$500,000 annual Lawrence Transit night service operations
	\$ 28,634,500	Lawrence	24 yrs of \$1 million annual Lawrence Transit Sunday service operations
	\$ 86,400,000	Lawrence	24 yrs of \$3.6 million annual KU on Wheels operations
	\$ 5,000,000	Lawrence	Bus transfer hub development
	\$ 4,000,000	Lawrence	Transit technology for Lawrence Transit/KU on Wheels
	\$ 12,000,000	Lawrence	Lawrence Transit vehicle replacement
	\$ 37,223,700	Lawrence	KU on Wheels vehicle replacement
	\$ 21,781,600	Countywide	24 yrs of \$760,700 annual other human service transportation providers operations & capital expenses
People who drive	\$ 480,000	Lawrence	Currently identified and approved unfunded traffic calming
	\$ 15,167,065	Lawrence	Minor/major pavement rehabilitation (improve 55-65 PCI to ideal 100 PCI)
	\$ 30,020,683	Lawrence	Pavement preservation work (improve 66-85 PCI to ideal 100 PCI)
	\$ 35,000,000	Lawrence	Intelligent Transportation Systems (ITS) implementation
	\$ 2,700,000	Countywide	Replace 4 functionally obsolete bridges
	\$ 1,102,216,405	Countywide	Identified programmed roadway projects
	\$ 94,719,242	Countywide	Identified illustrative roadway projects
Total		\$ 1,743,553,421	

Note: Transit operations includes a 1.5% annual inflation rate. These estimates are not exclusive, but have been identified in the planning process.

Source: Lawrence-Douglas County MPO (2017), Regional Pedestrian Plan (2016), Countywide Bikeway System Plan (2014), Lawrence Transit (2017), and Lawrence Public Works Department (2017)

Goals & Objectives

		Goals	Objectives
Access & Choices		Enhance Transportation options and choices for improved system performance	Improve regional connectivity (urban/rural) of all modes of the transportation networks including access to desired destinations.
			Enhance transit service, amenities and facilities.
Mobility & Prosperity		Efficient movement of people, goods, and freight	Implement strategies that address system performance & improve reliability, capacity and competitiveness for regional freight.
Preservation, Safety, & Security		Prioritize preservation, safety, and security of the transportation network	Support projects and policies that improve safety.
			Preserve and enhance transportation infrastructure and assets.
Sustain & Enhance		Minimize adverse social, economic, and environmental impacts created by transportation	Promote density to reduce transportation costs & reduce environmental impacts of transportation.
			Reduce single occupancy vehicle trips.

Financial Analysis

12

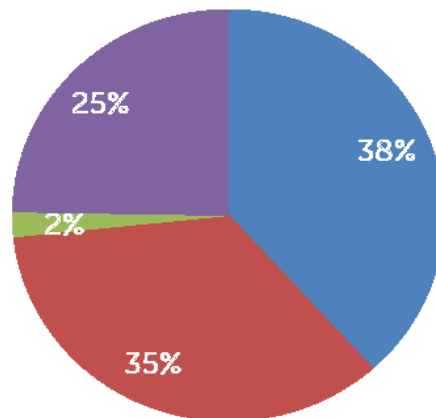


What are Operations & Maintenance (O&M)

Operations & maintenance (O&M) refers to the running & preservation of the transportation system, including roadways, sidewalks, bike routes, and transit vehicles.

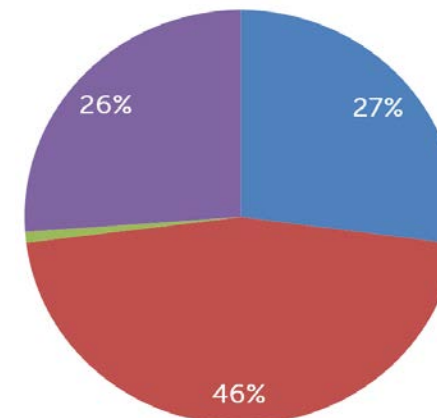


Draft T2040
FY2017-2040 Total
Revenues



- Road & Bridge O&M
- Road & Bridge Projects
- Non-Motorized Projects
- Transit Operations & Capital

Old T2040
FY2012-2040 Total Revenues

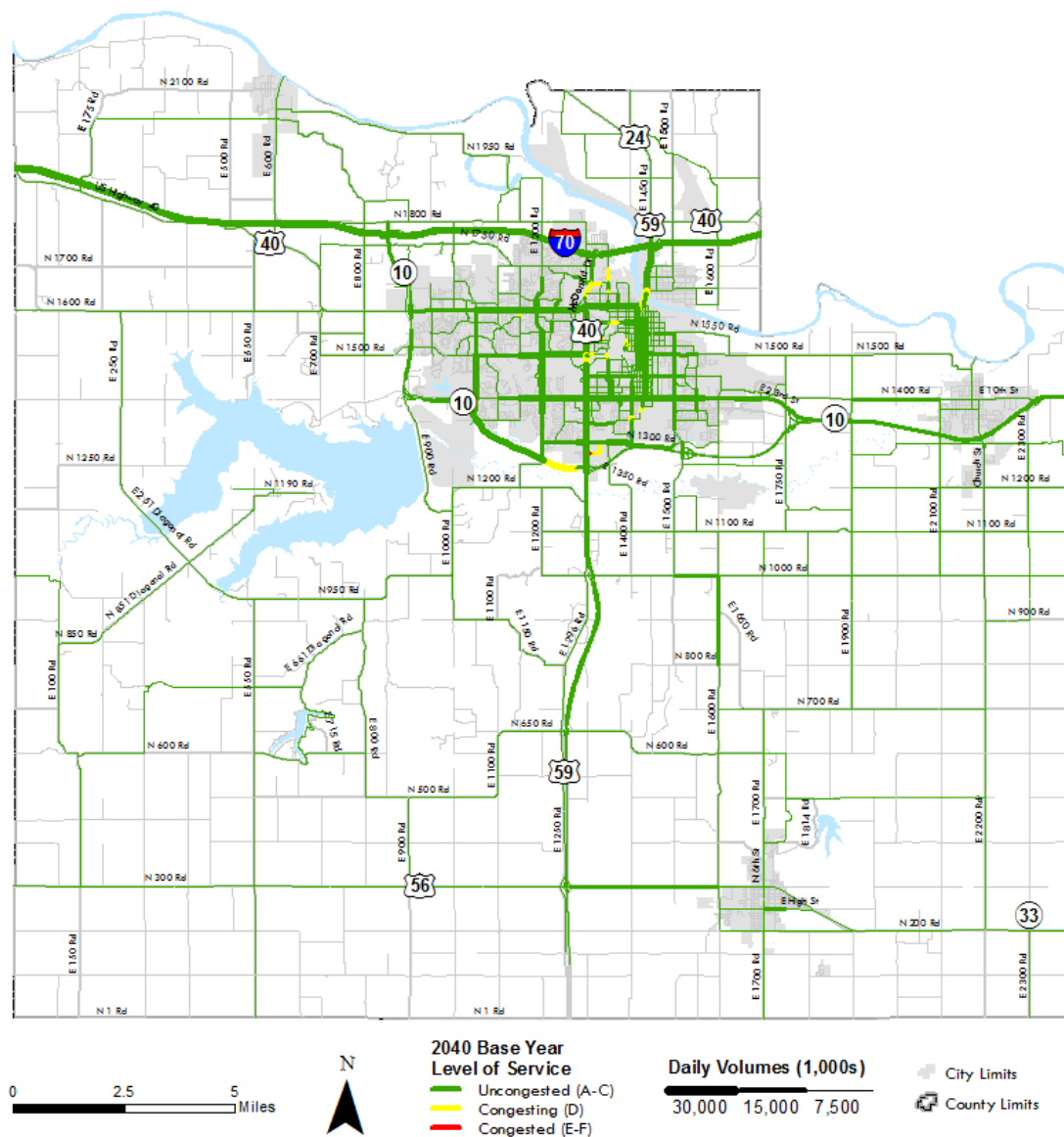


- Road & Bridge O&M
- Road & Bridge Projects
- Non-Motorized Projects
- Transit Operations & Capital



Travel Demand Model – Base Year

13

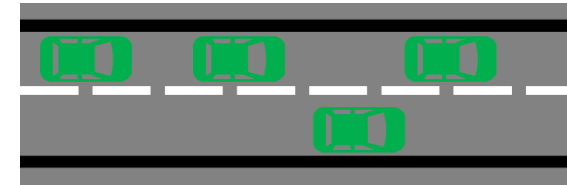


Source: Lawrence-Douglas County MPO Travel Demand Model (2017)
Produced: Lawrence-Douglas County MPO (2017)

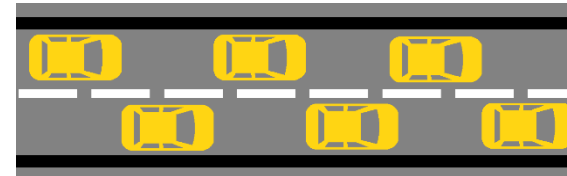


Level of Service (LOS) Categories

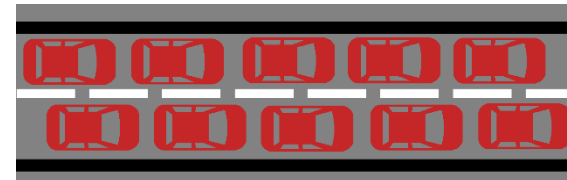
Uncongested (A-C)



Congesting (D)

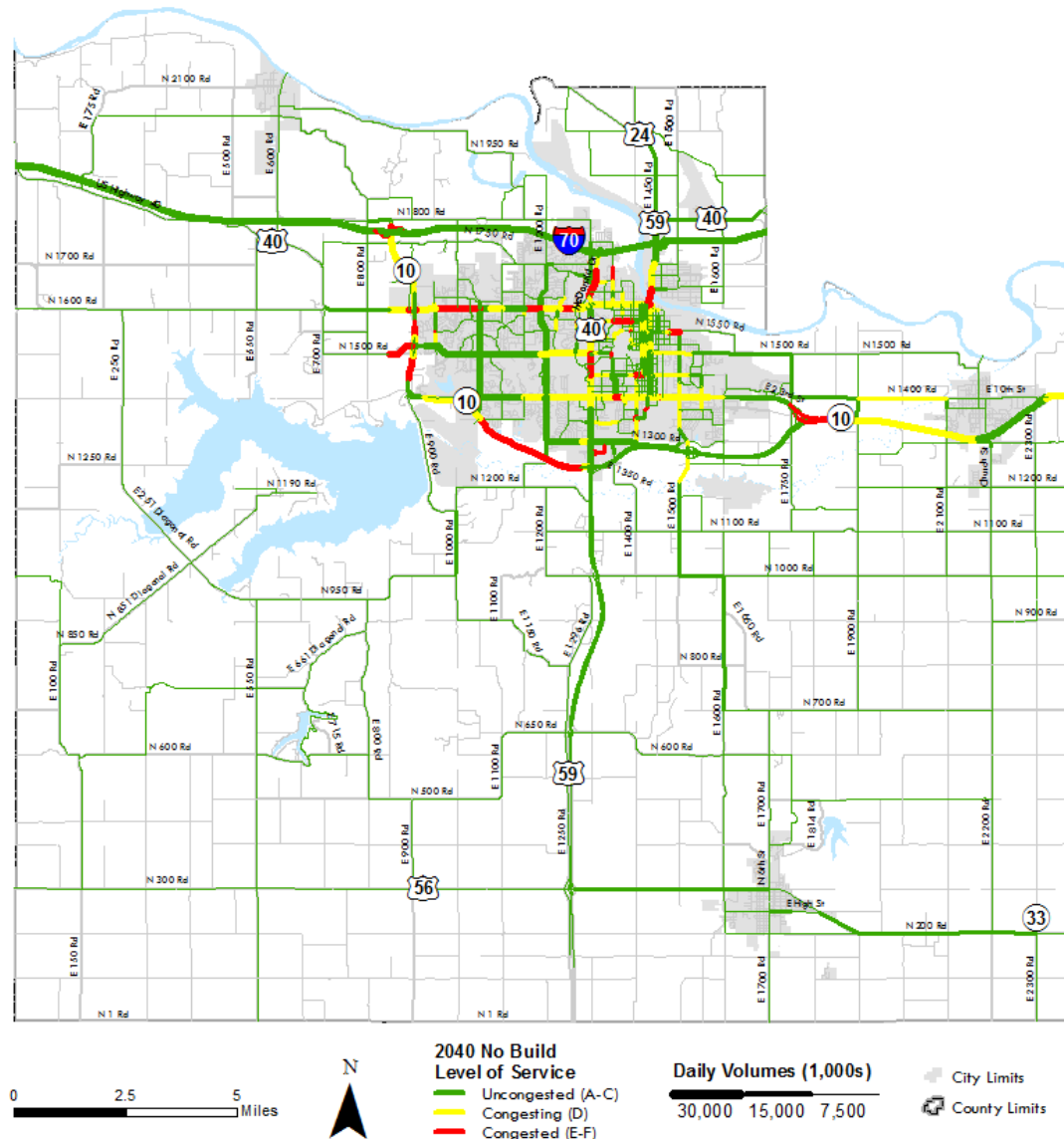


Congested (E-F)



Travel Demand Model –No Build 2040

14

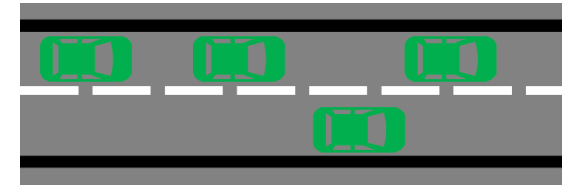


Source: Lawrence-Douglas County MPO Travel Demand Model (2017)
Produced: Lawrence-Douglas County MPO (2017)

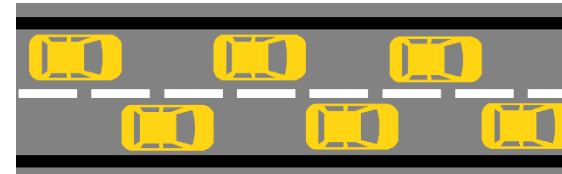


Level of Service (LOS) Categories

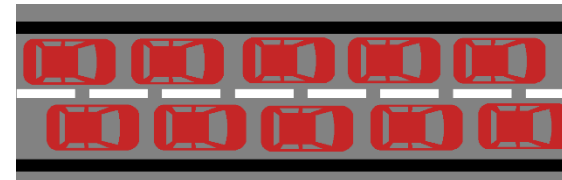
Uncongested (A-C)



Congesting (D)

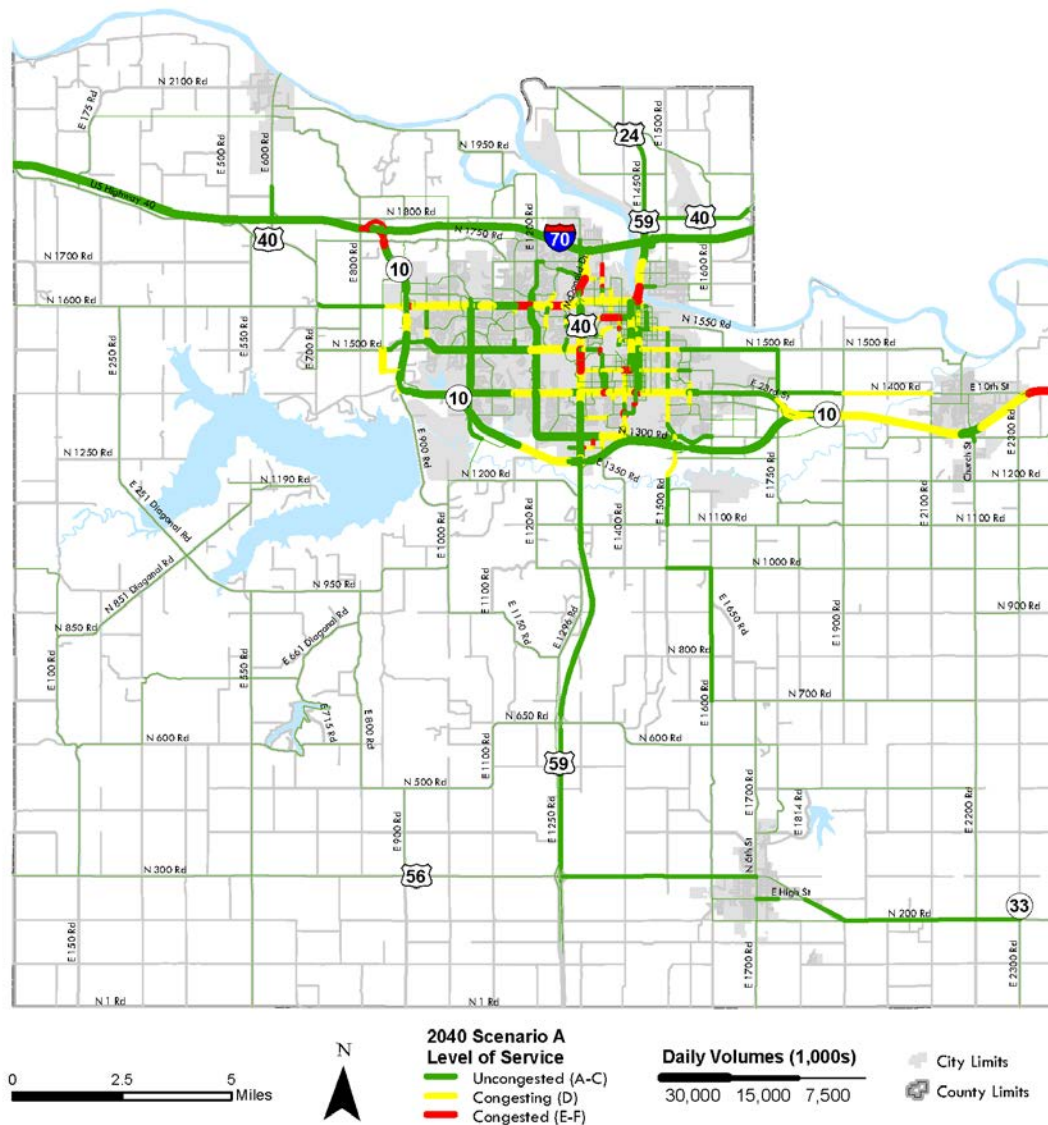


Congested (E-F)



Travel Demand Model – Preferred Scenario

15

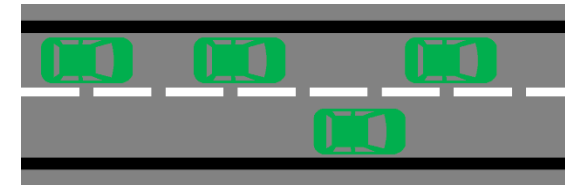


Source: Lawrence-Douglas County MPO Travel Demand Model (2017)
Produced: Lawrence-Douglas County MPO (2017)

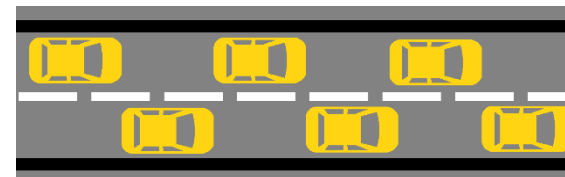


Level of Service (LOS) Categories

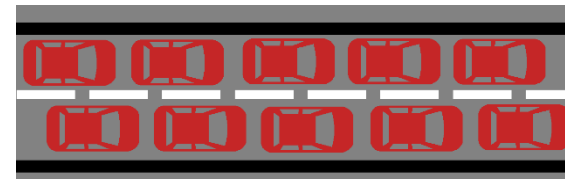
Uncongested (A-C)



Congesting (D)

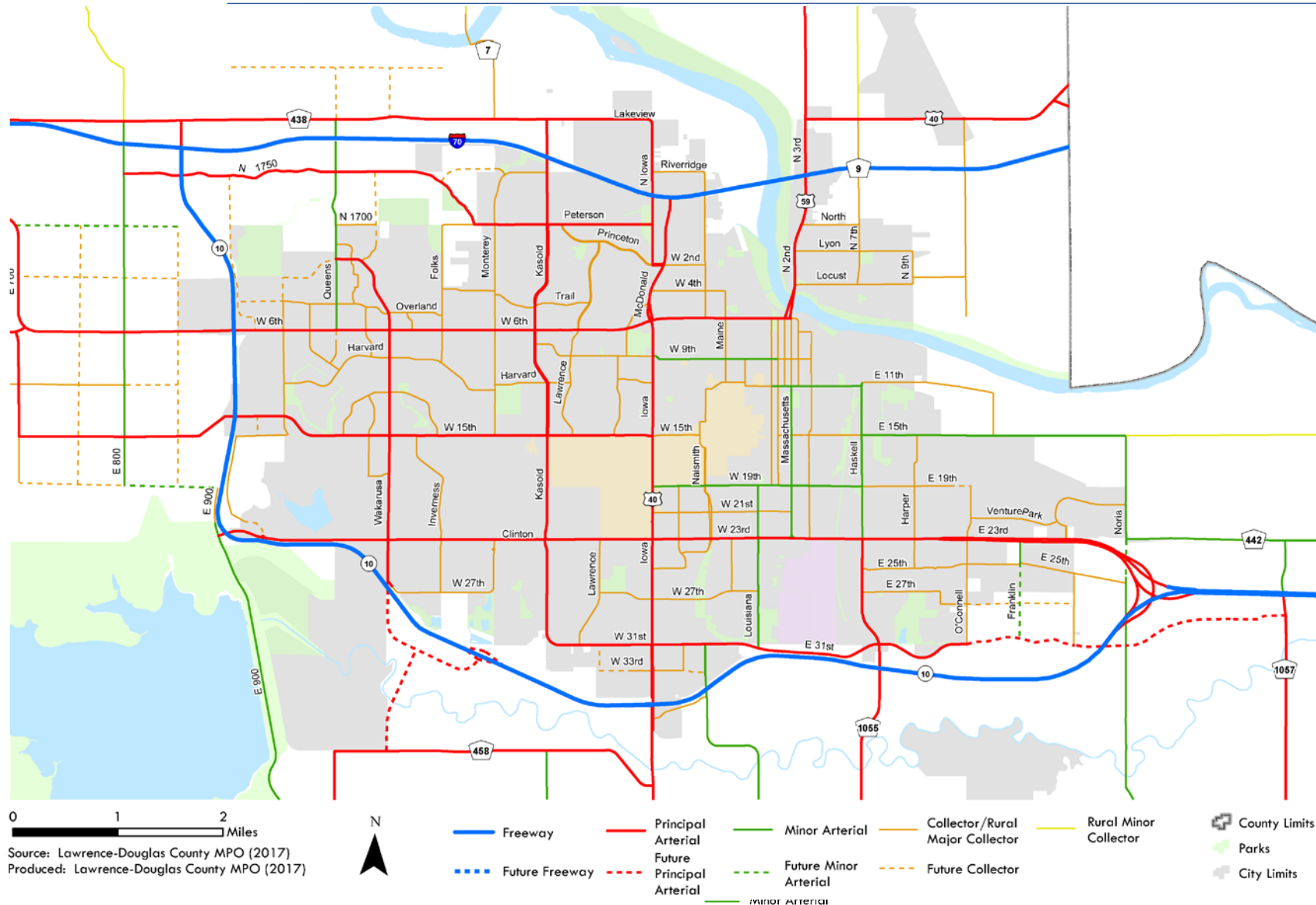


Congested (E-F)



Major Thoroughfares Map

16



Federal Functional Classification & Major Thoroughfares



The Federal Functional Classification Map is a federally mandated map with certain requirements & is used on a state and national level for funding eligibility.

The Major Thoroughfares Map is used by Lawrence and Douglas County to balance land access and thru movement of traffic for network level planning. Network planning ensures connectivity and access, as well as guides local decisions on corridor preservation, access management, and roadway design.

Projects & Strategies- Multimodal

17

Encourage safe and efficient traveling through the multimodal networks

- Integrate multimodal elements in project planning, design, construction, and maintenance, consistent with the Complete Streets Policy
- Plan and implement citywide multimodal wayfinding
- Prioritize crash (vehicle and non-motorized) hot spots for safety improvements
- Strengthen and implement access management for all users
- Facilitate, develop, and distribute safety education programming/materials for all users

Continue a transparent and coordinated transportation planning process that encourages participation and performance based planning

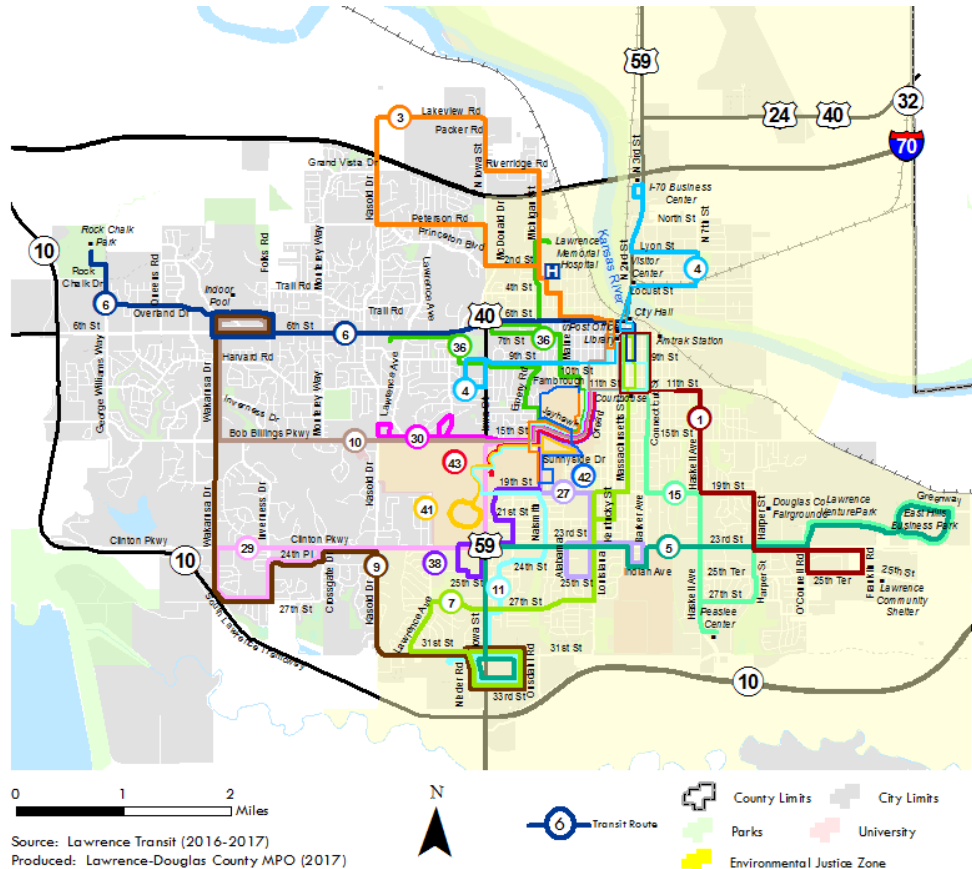
- Incorporate and evaluate the distribution and impacts of transportation programs, projects, and services during planning, design, and construction.

Coordinate decision making to balance land use and environmental impacts

- Employ site design requirements that encourage pedestrian travel and non-single occupancy vehicle trips
- Continue to follow emerging technologies and market driven transportation (automatic vehicles, electric vehicles, rideshare).

Projects & Strategies- Transit

18



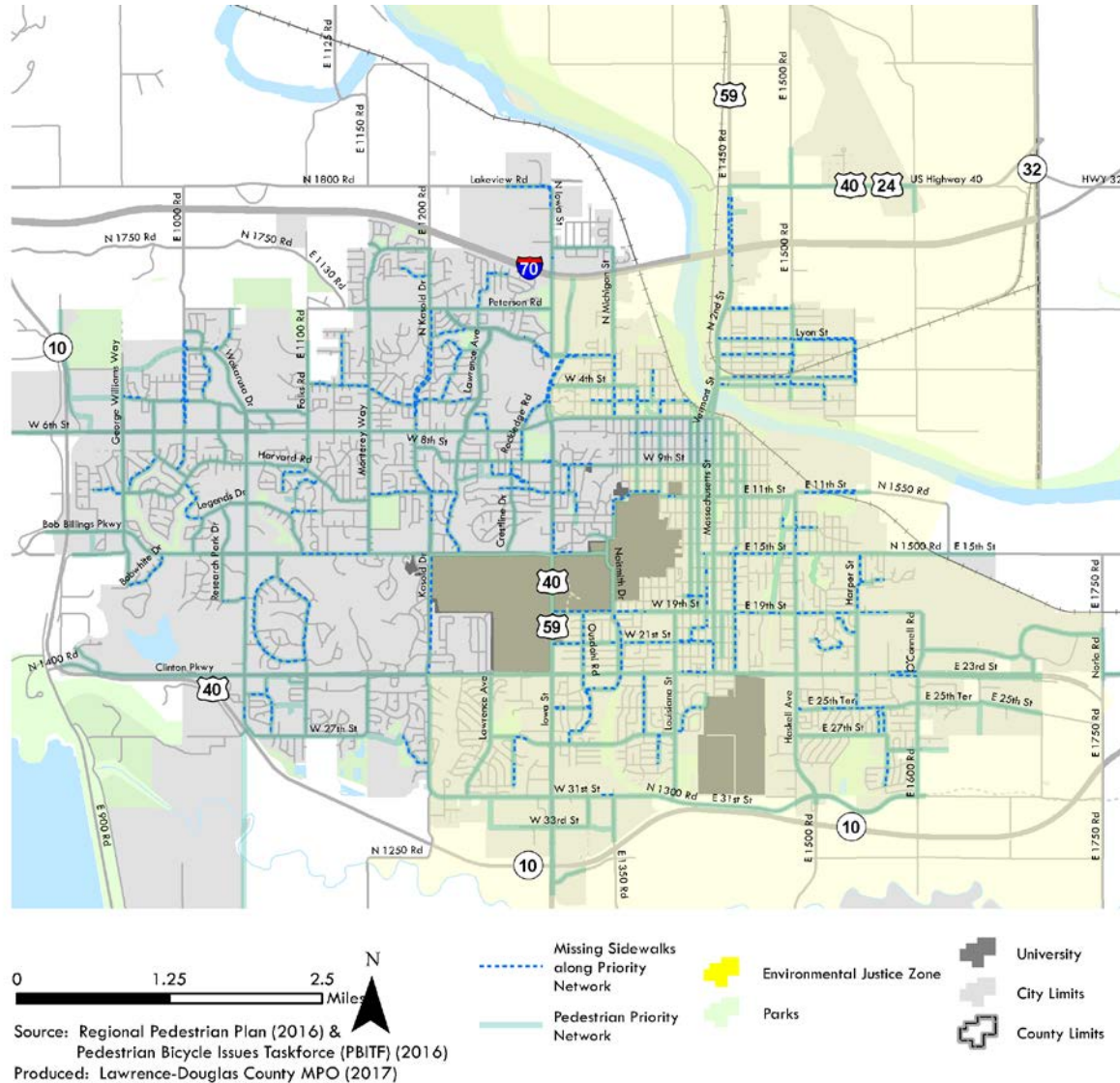
Implement the Transit Comprehensive Operations Analysis (COA) and Bus Transfer Location Analysis

- Providing responsive transit service reflective of demand
- Continue deployment transit amenities (shelters, benches, real time information, etc.) based on the Transit Amenities Policy
- Invest in technology supporting transit operations (ex: passenger counters, automatic vehicle location, etc.).
- Maintain and replace transit vehicles
- Establish permanent primary and secondary bus transfer locations

Operator	Bert Nash CMHC	Cottonwood, Inc.	Independence, Inc.	KU on Wheels Fixed Route	KU on Wheels JayLift	Lawrence - Douglas County Housing Authority Babcock Bus	Lawrence Transit Fixed Route	Lawrence Transit T-Lift	RideKC: K-10 Connector	Senior Resource Center for Douglas County	Total
Annual Ridership (2016)	4,639	1,838	4,481	1,898,884	3,410	1,986	1,120,805	66,934	104,969	5,959	3,213,905

Projects & Strategies - Pedestrian

19

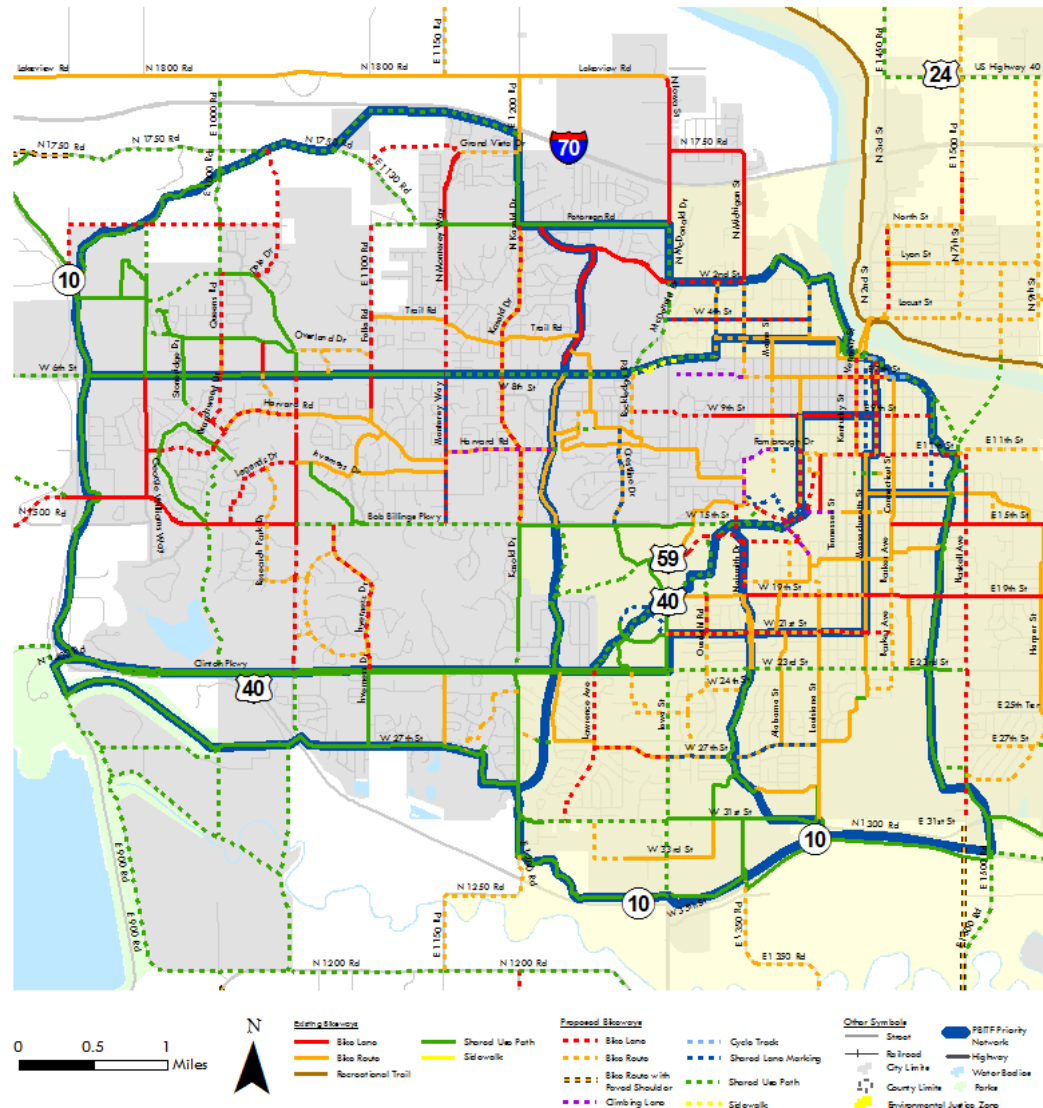


Implement the Regional Pedestrian Plan

- Prioritize pedestrian improvements to construct the priority pedestrian networks.
- Maintain and improve the existing pedestrian networks conditions and enforce sidewalk repair policy or establish a sidewalk maintenance program
- Plan and implement an Americans with Disabilities Act (ADA) Transition
- Maintain and Implement Safe Routes to School
- Use traffic calming to improve safety and implement a traffic safety campaign
- Develop tools to educate and encourage trips by walking through programs like wayfinding signage or open streets events

Projects & Strategies - Bikeway

20



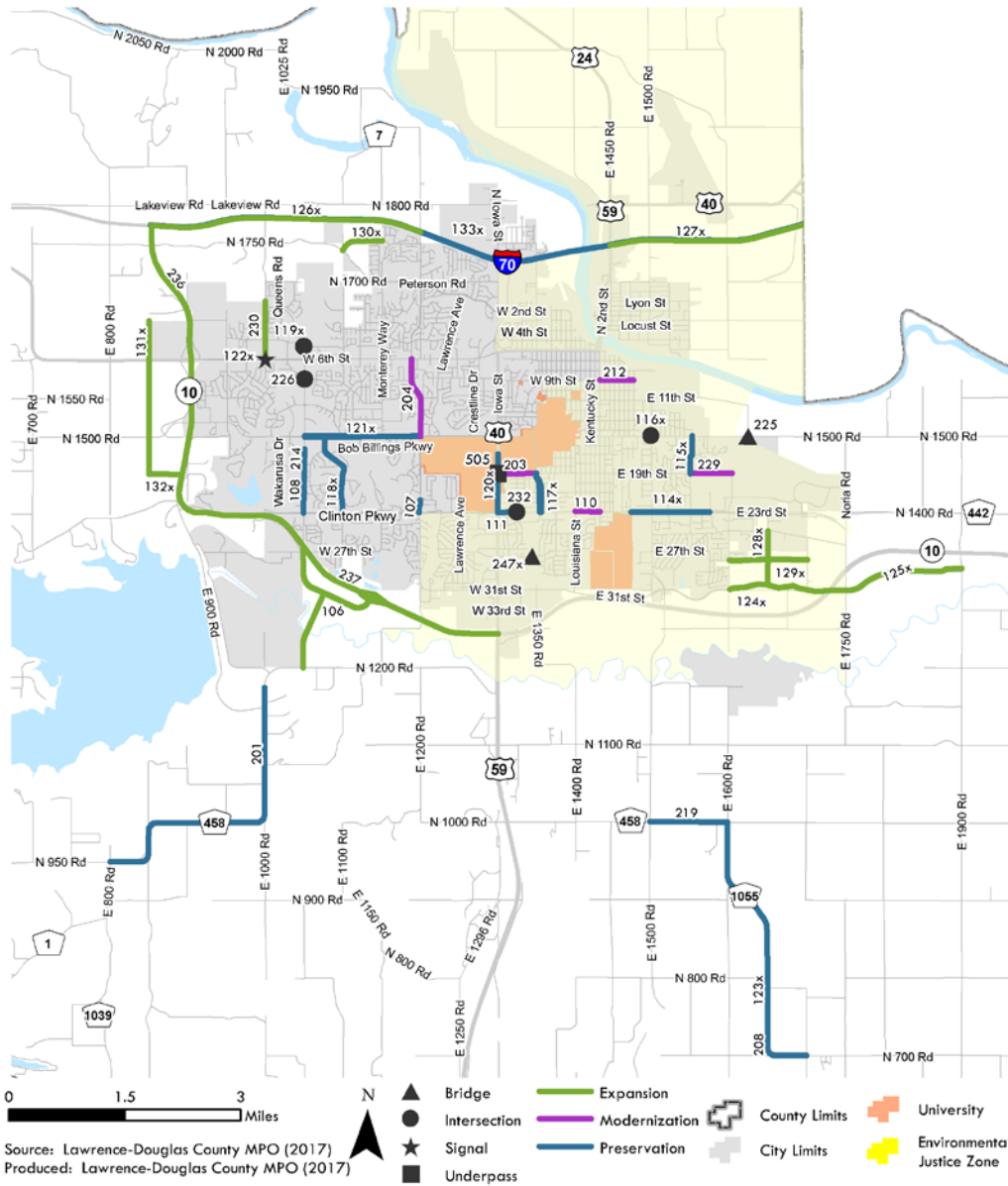
Source: Countywide Bikeway System Plan (2014) &
Pedestrian Bike Issues Task Force (PBITF) (2016)
Produced: Lawrence-Douglas County MPO (2017)

Implement the Countywide Bikeway Plan

- Enhance multimodal friendliness and minimize crashes and injuries of bicyclists through design.
- Prioritize bicycle improvements based on plan priorities to construct the bikeway networks.
- Maintain and improve bikeway networks conditions
- Develop tools and educational programs to encourage trips by bicycle such as the Bicycle Rideability Map

Projects & Strategies - Roadways

21



At a minimum maintain existing conditions

Design and build roadways for the safety of all users

- Revise and strengthen Traffic Impact Study requirements to include multimodal analysis
- Design or retrofit collector and local streets for the safety of all users
- Regularly analyze crash data to address hot spots and implement countermeasure to improve safety

Deploy technology and other alternative strategies to relieve congestion

- Implement the Regional Intelligent Transportation System Plan strategies to maximize network capacity and improve efficiencies
- Implement Travel Demand Management (TDM) strategies to reduce single occupancy vehicle trips

Performance Measures

22



Questions?

Transportation Commission February 28, 2018 Study Session

Name	Initials
Members	
Charlie Bryan Law DGCO Health Dept. Representative	CWB
Donna Hultine University of Kansas	dh
Kathryn Schartz Multi-Modal Transportation / Planning Eng Rep	
Mark Hurt PTAC representative	MH
Michele Dillon Pedestrian Representative	
Steve Evans Planning/Engineering Field Representative	SE
Erin Paden Bicyclist Representative	EP
John Ziegelmeyer Local Business Representative	
Ron May USD-497	
City Staff	
David Cronin City Engineer	✓
Charles Soules Public Works Director	
Jessica Mortinger Senior Transportation Planner	✓
Amanda Sahin Transportation Engineer	✓
Zach Baker Project Engineer	
Others Present	
RYAN PEARSON	✓
Margaret Campbell	✓
ASHLEY MYERS	✓
Jeff Crick	✓

City of Lawrence

Transportation Commission

March 5, 2018 Minutes

MEMBERS PRESENT: Charlie Bryan, Mark Hurt, Steve Evans, John Ziegelmeyer, Erin Paden, Donna Hultine, Michele Dillon, Kathryn Scharz, Ron May

MEMBERS ABSENT: None

STAFF PRESENT: David Cronin, Public Works Department
Amanda Sahin, Public Works Department
Jessica Mortinger, MPO
Zach Baker, Public Works Department
Leah Morris, Public Works Department
Brandon McGuire, City Manager's Office
Chuck Soules, Public Works Department

A complete video recording of the meeting is available on the City's website at <https://lawrenceks.org/boards/transportation-commission/>

The meeting was called to order by Commissioner Erin Paden at 6:00 p.m. in the City Commission Room, City Hall, 6 E. 6th Street.

ITEM NO. 1:

[Approve of Feb 5, 2018 Regular Meeting Minutes and December 14, 2018 Study Session Minutes](#)

Moved by Commissioner Hurt, seconded by Commissioner Scharz, to approve minutes. The motion for Feb 5, 2018 passed 9-0.

ITEM NO. 2:

[General Public Comment](#)

Public Discussion:

Michael Almon – Comments on the Non-motorized Projects Prioritization Policy

ITEM NO. 3:

[Sidewalk Hazard Repair Program](#)

Staff Presentation:

Brandon McGuire presented highlights of the proposed Sidewalk Hazard Repair Program.

Public Comment:

Several members of the public provided comments.

Transportation Commission:

Several board members provided comment and feedback.

ITEM NO. 4:

23rd St, Louisiana St to Massachusetts St, Geometric and Waterline Improvement Field Check Plans

Staff Presentation:

Zach Baker and consultants from PEC presented the Field Check plans for 23rd St, Louisiana St to Massachusetts St, Geometric and Waterline Improvement Field Check Plans

Public Comment:

Several members of the public provided comments.

Transportation Commission:

Several board members provided comment and feedback.

ITEM NO. 5:

Louisiana St, 12th St to 13th St, Plans

Staff Presentation:

Zach Baker presented the Field Check Plans for Louisiana St, 12th St to 13th St, Field Check Plans

Public Comment:

One member of the public provided comments.

Transportation Commission:

Several members provided comment and feedback

ITEM NO. 6:

Crosswalk Request at Tennessee St and 7th Street or 8th Street

Staff Presentation:

Zach Baker presented the staff report on the crosswalk requests on Tennessee St at 7th St and 8th St. The staff recommendation is to deny the request.

Public Comment:

Several members of the public provided comments.

Transportation Commission:

Moved by Commissioner Hultine, second by Commissioner May, to add a crosswalk on Tennessee Street and 7th Street to the pedestrian prioritization list. The Commission would like staff to consider alternatives to a pedestrian hybrid beacon at this location.

The motion carried, 9-0.

ITEM NO. 7:

No Parking Request on Ousdahl Rd at 19th Ter

Staff Presentation:

Amanda Sahin presented the staff report on the no parking request on Ousdahl Rd at 19th Ter. The staff recommendation is to deny the request.

Public Comment:

Several members of the public provided comments.

Transportation Commission:

Moved by Commissioner Evans, seconded by Commissioner Schartz, to approve no parking on Ousdahl Road in the vicinity of 19th Terrace, 20th Street, and 20th Terrace.

The motion carried, 9-0.

ITEM NO. 8

Stop Sign Request – 8th St at Delaware St

Staff Presentation:

Amanda Sahin presented the staff report on the stop sign request for 8th St at Delaware St.

Public Comment:

None

Transportation Commission:

Moved by Commissioner Bryan, seconded by Commissioner Hultine, to recommend denial of the stop sign request on 8th St at Delaware St.

The motion carried, 9-0.

ITEM NO. 9

2018 Traffic Calming Project List

Staff Presentation:

Amanda Sahin presented the recommended 2018 Traffic Calming Project List and the removal of 9th St and Rockledge Rd from the traffic calming list.

Public Comment:

One member of the public provided comment.

Transportation Commission:

Moved by Commissioner Ziegelmeyer, seconded by Commissioner Hurt, to recommend approval of the 2018 Traffic Calming Project List and the removal of 9th St and Rockledge Rd from the traffic calming list.

The motion carried, 9-0.

ITEM NO. 10

2018 Transportation Commission Goals and Retreat Summary

Moved by Commissioner Hultine, seconded by Commissioner May, to approve the 2018 Transportation Commission Goals and Retreat Summary and the letter from the Chair requesting a joint work session with City Commission.

The motion carried, 9-0.

ITEM NO. 11

East 19th St, Harper to O'Connell, Project Special Meeting

Moved by Commissioner Paden, seconded by Commissioner Evans, to approve a special meeting to discuss the design scope for East 19th St, Harper to O'Connell on March 29, 2019 at 6:00 p.m.

The motion carried, 9-0.

ITEM NO. 12

Staff Items

N/A

ITEM NO. 13

Commission Items

N/A

ITEM NO. 14

Calendar

Next Study Session is March 21, 2018 at 3:30 p.m. in City Commission Room.

ITEM NO. 15

Adjournment

Meeting was adjourned at 11:23 p.m.

The motion carried, 9-0.

DRAFT

Transportation Commission 5, 2018 Regular Meeting

March

Name	Initials
Members	
Charlie Bryan Law DGCO Health Dept. Representative	CWB
Donna Hultine University of Kansas	DH
Kathryn Schartz Multi-Modal Transportation / Planning Eng Rep	KSS
Mark Hurt PTAC representative	MH
Michele Dillon Pedestrian Representative	MD
Steve Evans Planning/Engineering Field Representative	SE
Erin Paden Bicyclist Representative	EP
John Ziegelmeyer Local Business Representative	JZ
Ron May USD-497	RM
City Staff	
David Cronin City Engineer	DC
Charles Soules Public Works Director	
Jessica Mortinger Senior Transportation Planner	
Amanda Sahin Transportation Engineer	AS
Zach Baker Project Engineer	
Others Present	
Leah Morris Project Engineer - Utilities	LM

**Transportation Commission
March 5, 2018 Regular Meeting
Sign In Sheet**

Name	Contact Info
Michael Abman	(ph) (e-mail)
Cynthia Brown	(ph) (e-mail)
Carol Rowley	(ph) (e-mail)
Melinda Henderson	(ph) (e-mail)
Cathy Skelly	(ph) (e-mail)
Loretta Ybarra	(ph) (e-mail)
Joe Yoder	(ph) (e-mail)
Kathy Tink	(ph) (e-mail)
Daniel Poul	(ph) (e-mail)
Teresa Hill	(ph) (e-mail)
TERRA	(ph) (e-mail)
Kouin Koll	(ph) (e-mail)
Dan Skelly	(ph) (e-mail)
Stuart Boley	(ph) (e-mail)

Transportation Commission
March 5, 2018 Regular Meeting
Sign In Sheet

Name	Contact Info
Kathy Nemeth Tuttle	(ph) 785-550-9445 (e-mail) knemeth.tuttle@gmail.com
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PETER CARTER	(ph) 843-0132 (e-mail) pccarter@scu.edu
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Memorandum

City of Lawrence

Public Works Department

TO: Transportation Commission
FROM: Amanda Sahin, Transportation Engineer
DATE: March 28, 2018
RE: Agenda Item for Transportation Commission 4/2/2018:
2017/2018 Ped/Bike/Ramp Projects and 2017/2018 CDBG Projects

Background

Several funding sources are available for the pedestrian, bicycle and ramp projects for 2017 and 2018. Projects that will be constructed with these funds must be identified so that staff can proceed with the solicitation for design service. The funding sources are:

- 2017 CDBG ADA Ramps - \$93,000
- 2017 CDBG 16th and Haskell Crossing - \$45,000
- 2017/2018 Sidewalk/Bike/Ped Improvements/ADA Ramps (funding split approved at Feb 5, 2018 meeting)
 - \$350,000 Bikeways
 - \$150,000 Sidewalk Gaps/Ped Improvements
 - \$100,000 ADA Ramps
- 2018 CDBG - \$240,200 (recommended by Community Development Advisory Committee, still needs approval by City Commission)

Staff has used the approved Non-Motorized Projects Prioritization Policy to rank all of the applicable projects and has also put together planning level estimates for several of the potential projects. Based on the rankings and available funding, staff has developed a recommended spending plan for the funds that is outlined below.

Details

ADA Ramps

- 2017/2018 ADA Ramps Funds
 - \$18,000 Design for 2017 CDBG ramps
 - \$82,000 Design and construction of ramps along the designated Safe Routes to School for New York Elementary
- 2017 CDBG ADA Ramps Funds
 - \$93,000 Construction of ramps along 11th St from Massachusetts St to Burroughs Creek Trail

Bikeways

- 2017/2018 Bike Improvements Funds
 - \$350,000 for design and construction of the following projects:
 - Bike Boulevard on 21st St from Iowa St and Naismith Dr
 - Bike Boulevard on 21st St from Naismith Dr to Massachusetts St
 - Bike Boulevard on Lawrence Ave from Harvard Rd to Bob Billings Pkwy

Sidewalk Gaps/Ped Improvements

- 2017 CDBG 16th and Haskell Crossing Funds
 - Originally proposed as a Pedestrian Hybrid Beacon, however, staff proposes changing it to a Rectangular Rapid Flashing Beacon (RRFB) because it is more cost effective (FHWA issued new interim approval of RRFB's on 3/20/18)
 - Design would be paid for using the 2017/2018 ped improvement funds.
- 2017/2018 Sidewalk Gap/Ped Improvements Funds
 - \$5,000 for design of RRFB at 16th and Haskell
 - \$145,000 for design and construction of the following projects:
 - East side of Michigan St, 2nd to 3rd (P083)
 - South side of W. 27th St, Crestline to Chipperfield (P088)
 - South side of Harvard Rd, Iowa to Hilltop (P141)
- 2018 CDBG Funds
 - \$240,200 for design and construction of the following projects:
 - South side of E 19th St, Barker to Moodie (P002,P003,P004,P068)
 - South side of E 15th St, Haskell to Maple (P147)
 - East side of Ousdahl Rd, W 19th to W 23rd (P092)

Action Request

Approve the proposed project lists for the 2017/2018 Pedestrian/Bike/Ramp Projects and 2017/2018 CDBG Projects.

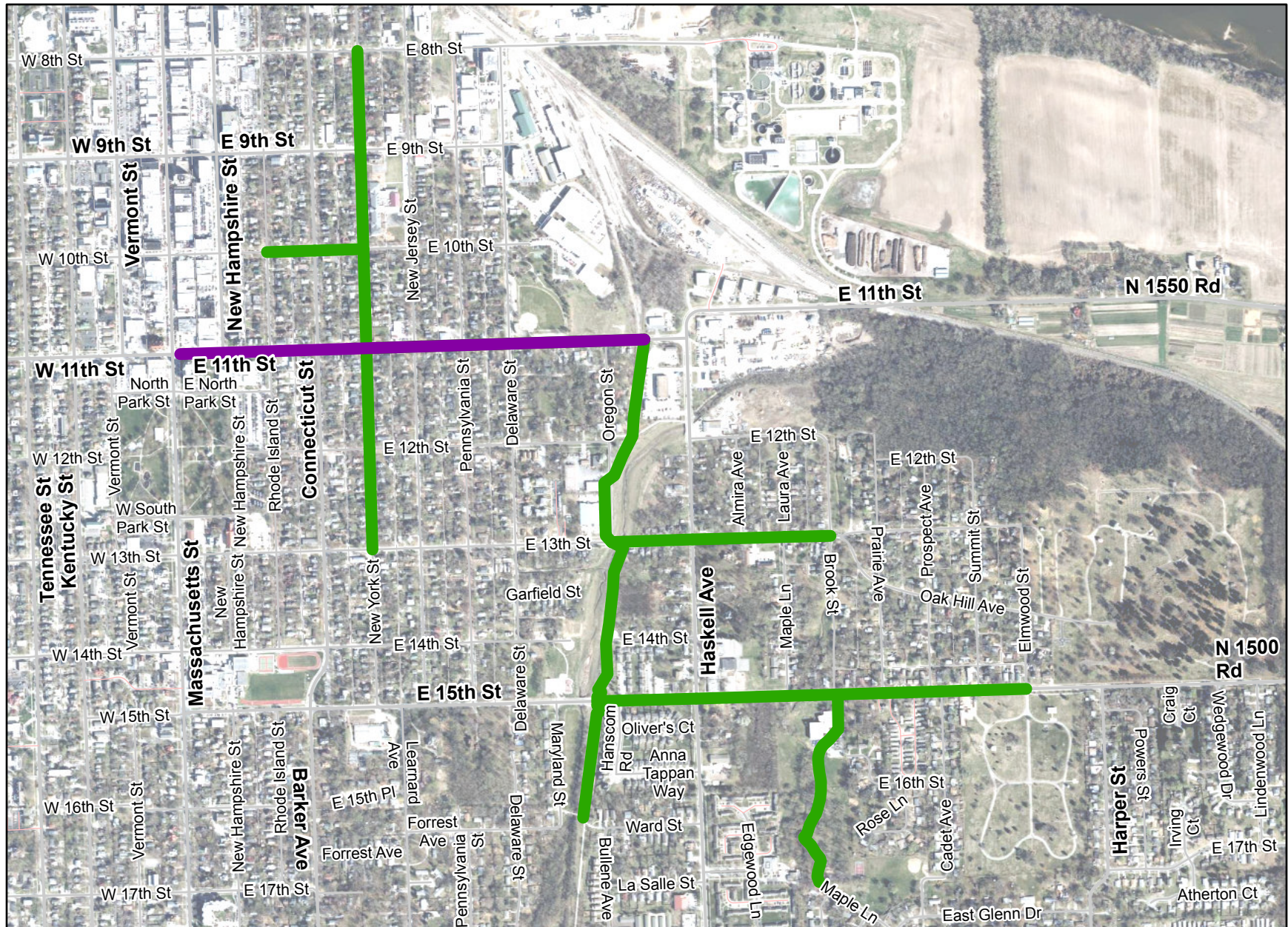
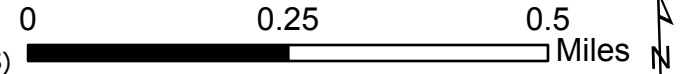
Attachments:

Ranked project lists

Maps

2017 / 2018 ADA Ramp Projects

- 2017 ADA Ramps (CDBG)
- 2017 / 2018 ADA Ramps (New York SRTS)



Bike Projects - Prioritized per Non-motorized Project Prioritization Policy

GIS ID#	Project	Facility Type	Length (ft)	Adopted Plan Priorities	Total Score	Estimate	Status	Notes
B128	6th Street - Iowa to Wisconsin	Shared Use Path	1,191	5	15	\$206,000		
B116	6th Street - Lawrence to Iowa	Shared Use Path	3,280	5	14	\$445,000		
B030	6th Street - Kasold to Lawrence	Shared Use Path	2,178	5	12	\$296,000		
B029	6th Street - Monterey to Kasold	Shared Use Path	2,116	5	11	\$416,000		
B033	9th Street - at Mississippi	Bike Lane	705	5	11			intersection improvements needed
B022	Wisconsin Street	Bike Boulevard	662	5	10	\$24,000		
B126	21st Street -Iowa to Naismith	Bike Boulevard	2,880	5	10	\$101,000	Proposed	proposed 2017/2018 bike project
B013	21st Street - Naismith to Mass	Bike Boulevard	4,150	5	10	\$146,000	Proposed	proposed 2017/2018 bike project
B026	13th Street	Bike Boulevard	2,970	5	10	\$104,000	Selected	2018 traffic calming project
B007	Massachusetts Street - 11th to 14th	Bike Lane	2,036	5	10	N/A	CIP	2018
B015	Naismith Drive - 18th to 23rd	Bike Lane	3,511	5	10	N/A	CIP	2023-2024
B027	Massachusetts Street - 14th to 21st	Bike Lane	4,221	5	10			
B005	Mississippi St - Fambrough to Jayhawk	Bike Lane	2,792	5	10			
B008	Naismith Drive - On KU Campus	Bike Lane	2,161	5	10	N/A		KU
B127	Mississippi St - 9th to Fambrough	Bike Lane	1,188	5	10			
B009	29th Street - Haskell Rail Trail to Haskell	Shared Use Path	843	5	10	N/A	CIP	2018
B017	KU West Campus	Shared Use Path	3,829	5	10	N/A		
B118	Lawrence Loop - Burcham Park to New York	Shared Use Path	2,264	5	10	\$395,000		ROW and easements not included
B123	Lawrence Loop - New York to 8th	Shared Use Path	1,672	5	10	\$279,000		ROW and easements not included
B124	Lawrence Loop -8th to 11th	Shared Use Path	2,151	5	10	\$394,000		ROW and easements not included
B016	9th Street - Downtown	Shared Lane Marking	1,014	5	10			
B024	New Hampshire Street - 9th to 11th	Shared Lane Marking	1,362	5	10			
B025	11th Street	Shared Lane Marking	365	5	10			
B006	New Hampshire Street - 6th to 9th	Shared Lane Marking	1,972	5	10			
B002	5th Street - Wisconsin to Tennessee	Bike Boulevard	4,242	5	9	\$149,000		
B003	Lawrence Ave - Mesa to Harvard	Bike Boulevard	3,103	5	9			
B028	Lawrence Avenue - Harvard to BBPW	Bike Boulevard	2,920	5	9	\$103,000	Proposed	proposed 2017/2018 bike project
B004	KU Central District	Shared Use Path	4,311	5	9	N/A		KU
B018	KU Main Campus - Jayhawk to Naismith	Shared Use Path	2,023	5	9	N/A		KU
B120	Lawrence Loop - Michigan to Shandra Shaw	Shared Use Path	2,795	5	9	\$445,000		ROW and easements not included
B121	Lawrence Loop - Peterson to Michigan	Shared Use Path	3,336	5	9	\$1,130,000		ROW and easements not included
B014	Atchison Watershed	Shared Use Path	5,044	5	9			
B019	Lawrence Ave - on KU West Campus	Shared Use Path	2,657	5	9			KU
B032	Lawrence Loop B - Kasold	Shared Use Path	597	5	7			
B010	Lawrence Loop - Kasold to Queens	Shared Use Path	11,686	5	6			



Bikeway Project B126: 21st Street -Iowa to Naismith



Bikeway Prioritization Score

Adopted Plan Score: 5
 Bicycle Demand Score: 5
 Roadway Volume Score: 0
 Crossing Score: 0
 Total Score: 10

— Project

Engineer's Estimate: \$101000



City of Lawrence

Date Printed: 3/27/2018

Date Printed: 3/27/2018



Bikeway Project B028: Lawrence Avenue - Harvard to BBPW



Bikeway Prioritization Score

Adopted Plan Score:	5
Bicycle Demand Score:	4
Roadway Volume Score:	0
Crossing Score:	0
Total Score:	9

— Project

Engineer's Estimate: \$103000



City of Lawrence

Date Printed: 3/27/2018

Pedestrian Projects

Funding

- 2017 SRTS
- 2018 SRTS
- Proposed 2017/2018 ped project
- Proposed 2018 CDBG
- 2018 CIP Projects

0 0.5 1 Miles

Pedestrian Projects - Prioritized per Non-motorized Project Prioritization Policy

GIS ID#	Project	Side	From	To	Road Classification	Total Score	SRTS	CDBG	Estimate	Status	Notes
P027	W 23rd St	North	Tennessee St	Vermont St	Arterial	13	No	No		Selected	CIP - in design
P028	W 23rd St	North	Ohio St	Tennessee St	Arterial	13	No	No		Selected	CIP - in design
P008	E 23rd St	South	550' East of Harper	750' east to driveway	Arterial	11	No	No	\$100,456		project considered for funding
P015	Iowa St	East	15th St/Bob Billings Pkwy	University Dr	Arterial	11	No	Yes			not feasible with terrain
P085	W 9th St	North	Hilltop Dr	400' East of Avalon Rd	Arterial	11	Yes	Yes	\$263,567		not cost effective
P068	E 19th St	South	Burroughs Creek Trail	Moodie Rd	Arterial	10	Yes	Yes	\$19,639	Proposed	proposed 2018 CDBG project
P147	E 15th St	South	Haskell Ave	Maple Ln	Arterial	10	Yes	Yes	\$41,712	Proposed	proposed 2018 CDBG project
P240	E 19th St	South	Haskell Ave	Maple Ln	Arterial	10	Yes	Yes	\$76,676	CIP	potentially include with E 19th St project
P054	N 7th St	West	Lincoln St	Lyon St	Collector	10	Yes	Yes	\$124,341		open ditch, need substantial ROW or easement
P076	E 15th St	South	Rhode Island St	New Jersey	Collector	10	Yes	Yes	\$116,115	Selected	2018 SRTS
P082	Michigan St	East	W 5th St	W 4th St	Collector	10	Yes	Yes	\$38,239	Selected	2018 SRTS
P083	Michigan St	East	W 3rd St	W 2nd St	Collector	10	Yes	Yes	\$55,289	Proposed	proposed 2017/2018 ped project
P086	Ousdahl Rd	East	W 23rd St	W 24th St	Collector	10	Yes	Yes	\$161,777		need substantial amount of retaining wall
P088	W 27th St	South	Crestline Dr	100 LF East of Chipperfield Rd	Collector	10	Yes	No	\$36,427	Proposed	proposed 2017/2018 ped project
P091	Alabama St	West	Jasu Dr	W 27th St	Collector	10	Yes	Yes	\$137,391		should be done with P227 (\$66k)
P092	Ousdahl Rd	East	W 19th	W 22nd Ter	Collector	10	Yes	Yes	\$132,556	Proposed	proposed 2018 CDBG project
P138	Michigan St	East	W 4th St	W 3rd St	Collector	10	Yes	Yes		Completed	constructed by LMH
P141	Harvard Rd	South	Iowa St	Hilltop Dr	Collector	10	Yes	Yes	\$54,418	Proposed	proposed 2017/2018 ped project
P142	Harvard Rd	South	Crestline Dr	Iowa St	Collector	10	Yes	Yes	\$92,443		project considered for funding
P146	E 15th St	South	Hanscom Rd	Haskell Ave	Collector	10	Yes	Yes		Selected	2017 SRTS
P175	N 7th St	East	Lincoln St	Maple St	Collector	10	Yes	Yes	\$60,220		project considered for funding
P181	W 21st St	South	Emerald Dr	Naismith Dr	Collector	10	Yes	Yes	\$82,800		project considered for funding
P242	E 15th St	South	New Jersey	240' west of Hanscom	Collector	10	Yes	Yes		Selected	2017 SRTS
P050	Lincoln St	Both	N 2nd St	N 4th St	Street	10	Yes	Yes	\$352,317		retaining walls, tree removal, stair replacement
P019	E 23rd St	South	1200' east of O'Connell	O'Connell Rd	Arterial	10	No	No	\$102,909		portion may be completed with development
P020	E 23rd St	North	FF St	200' east	Arterial	10	No	Yes	\$5,919		
P021	E 23rd St	North	280' East of FF St	Venture Park Way	Arterial	10	No	Yes	\$9,323		
P026	McDonald Dr	East	Princeton Blvd/W 2nd St	Bluffs Dr	Arterial	10	No	Yes			
P030	McDonald Dr	West	Princeton Blvd/W 2nd St	Bluffs Dr	Arterial	10	No	Yes			
P052	Yale Road	Both	Centennial Dr	Crestline Dr	Street	10	Yes	Yes	\$95,725	Selected	2018 SRTS
P051	Ridge Ct	West	W 26th St	W 27th St	Street	10	Yes	Yes			
P143	Harvard Rd	South	570 LF West of Crestline Dr	Crestline Dr	Street	10	Yes	No			
P056	Elm St	North	N 6th St	N 8th St	Street	10	Yes	Yes			
P057	Elm St	North	200 LF East of N 2nd St	N 3rd St	Street	10	Yes	Yes			
P061	Davis Rd	North	Clare Rd	Harper St	Street	10	Yes	Yes			
P062	Maple Ln	East	E 21st Ter	280 LF South of Clare Rd	Street	10	Yes	Yes			
P063	E 21st Ter	South	140 LF South of E 21st St	Maple Ln	Street	10	Yes	Yes			
P065	Hampton St	North	Kensington Rd	Mayfair Dr	Street	10	Yes	No			
P066	Mayfair Dr	East	Hampton St	E 27th St	Street	10	Yes	No			
P069	Vermont St	East	150 LF North of W 19th St	250 LF South of W 17th St	Street	10	Yes	Yes			
P070	W 20th St	South	Tennessee St	Vermont St	Street	10	Yes	No			
P071	Tennessee St	East	W 21st St	W 20th St	Street	10	Yes	No			
P072	Vermont St	East	W 20th St	340 LF South of W 19th St	Street	10	Yes	No			
P073	W 18th St	North	Tennessee St	Vermont St	Street	10	Yes	Yes			
P074	Vermont St	East	250 LF North of W 17th St	W 16th St	Street	10	Yes	Yes			
P075	W 15th St	South	150 LF East of Kentucky St	Vermont St	Street	10	Yes	Yes			
P077	W 5th St	North	Mississippi St	Tennessee St	Street	10	Yes	Yes			
P080	W 7th St	North	Missouri St	Illinois St	Street	10	Yes	Yes			
P081	Mississippi St	East	W 5th St	W 6th St	Street	10	Yes	Yes			

Pedestrian Projects - Prioritized per Non-motorized Project Prioritization Policy

GIS ID#	Project	Side	From	To	Road Classification	Total Score	SRTS	CDBG	Estimate	Status	Notes
P084	Hilltop Dr	West	Harvard Rd	W 9th St	Street	10	Yes	Yes			
P090	Belle Haven Drive	Both	W 27th St	W 27th Ter	Street	10	Yes	Yes			
P095	Scottsdale St	West	W 25th St	W 27th St	Street	10	Yes	Yes			
P096	W 24th St	South	Via Linda Dr	W 25th St	Street	10	Yes	Yes			
P097	Ranch St	East	W 24th St	Ranch Way (Private)	Street	10	Yes	No			
P104	Wildwood Dr	East	Woodland Dr	Grove Dr	Street	10	Yes	No			
P108	Palisades Dr	South	Silver Rain Rd	George Williams Way	Street	10	Yes	No			
P122	Yale Rd	North	Schwarz Rd	Crestline Dr	Street	10	Yes	No			
P123	Schwarz Rd	East	W 9th St	Yale Rd	Street	10	Yes	No			
P124	Sunset Dr	East	Harvard Rd	Stratford Rd	Street	10	Yes	Yes			
P130	Park Hill Ter	South	Louisiana Street	Kansas St	Street	10	Yes	Yes			
P134	E 21st Street	Both	Miller Dr	E 21st Ter	Street	10	Yes	Yes			
P136	Oak Tree Dr	East	Inverness Dr	W 12th St	Street	10	Yes	No			
P137	N 7th St	East	Locust St	Elm St	Street	10	Yes	Yes		Selected	2017 SRTS
P139	Arrowhead Dr	West	Peterson Rd	Brett Dr	Street	10	Yes	No			
P145	W 18th St	Both	Ohio St	Tennessee St	Street	10	Yes	Yes			
P031	Kasold Dr	West	W 5th Ter	Trail Rd	Arterial	9	No	No			
P007	Lakeview Rd	North	N Iowa St	Timberledge Rd	Arterial	9	No	No			
P047	Lakeview Rd	South	Timberledge Rd	City Limits	Arterial	9	No	No			
P014	Kasold Dr	East	Clinton Pkwy	W 22nd Ter	Arterial	9	No	No		CIP	2019 CIP
P025	W 9th St	North	Highland Dr	Hilltop Dr	Arterial	9	No	Yes	\$79,989		retaining walls and tree removal
P002	E 19th St	South	Delaware St	340 LF West of Moodie Rd	Arterial	8	No	Yes	\$11,963	Proposed	proposed 2018 CDBG project
P003	E 19th St	South	Learnard Ave	Delaware St	Arterial	8	No	Yes	\$16,165	Proposed	proposed 2018 CDBG project
P004	E 19th St	South	Barker Ave	Learnard Ave	Arterial	8	No	Yes	\$22,689	Proposed	proposed 2018 CDBG project
P236	W 19th Street Crossing		Alabama St		Arterial	8	Yes	Yes	\$30,000		project considered for funding
P098	Wakarusa Dr	West	Stoneback Dr	440 LF North of W 27th St	Arterial	8	Yes	Yes		CIP	future plans to widen Wakarusa
P006	Kasold Dr	East	W 6th St	Westridge Dr	Arterial	8	No	No			
P001	E 19th St	South	Clare Rd	Edgelea Rd	Arterial	8	No	Yes	\$26,733	CIP	potentially include with E 19th St project
P005	N Iowa St	East	South of Riverridge Rd		Arterial	8	No	No			
P009	Bob Billings Pkwy	South	Inverness Dr	Monterey Way	Arterial	8	No	No			
P010	Haskell Ave	East	E 12th St	85 LF North of E 12th St	Arterial	8	No	Yes			
P018	E 19th St	South	Harper St	Brookwood Mobile Home Park	Arterial	8	No	Yes		CIP	include with E 19th St project
P035	Lakeview Rd	South	N Iowa St	Timberledge Rd	Arterial	8	No	No			
P043	Haskell Ave	East	E 12th St	E 13th St	Arterial	8	No	Yes			
P044	Haskell Ave	East	E 13th St	E 14th St	Arterial	8	No	Yes			
P048	W 19th St	North	Naismith Dr	Maine St	Arterial	8	No	Yes			
P049	W 19th St	North	Iowa St	Naismith Dr	Arterial	8	No	Yes			
P238	Haskell Ave crossing		E 16th St		Arterial	8	No	Yes	\$25,000	Selected	2017 CDBG funded
P060	Harper St	East	E 19th St	E 17th St	Collector	8	Yes	Yes	\$55,787	CIP	2023 CIP
P064	E 25th Ter	South	Ponderosa Dr	150 LF West of Carlton Dr	Collector	8	Yes	No	\$127,128	Selected	2018 SRTS
P118	Trail Rd	North	Kasold Dr	Rockfence Pl	Collector	8	Yes	No			
P109	Harvard Rd	North	Monterey Way	Randall Rd	Collector	8	Yes	No			
P112	Trail Rd	North	Monterey Way	Kasold Dr	Collector	8	Yes	No			
P119	Trail Rd	North	290 LF West of Millstone Dr	Settlers Dr	Collector	8	Yes	No			
P144	Ousdahl Rd	West	W 24th St	W 26th St	Collector	8	Yes	Yes			
P140	Brentwood Drive	West	Brett Dr	Arrowhead Dr	Street	8	Yes	No			
P053	Lincoln St	North	N 4th St	N 7th St	Street	8	Yes	Yes			
P058	Oregon St	East	E 13th St	260 LF South of E 12th St	Street	8	Yes	Yes			
P087	Crestline Dr	East	Crestline Ct	W 27th St	Street	8	Yes	No			
P089	Belle Haven Dr	West	W 27th Ter	W 29th St	Street	8	Yes	Yes			

Pedestrian Projects - Prioritized per Non-motorized Project Prioritization Policy

GIS ID#	Project	Side	From	To	Road Classification	Total Score	SRTS	CDBG	Estimate	Status	Notes
P103	Oak Tree Dr	North	Woodland Dr	Goldfield St	Street	8	Yes	No			
P105	Grove Dr	North	Wildwood Dr	Harvard Rd	Street	8	Yes	No			
P113	Tillerman Dr	South	Eagle Pass Dr	N Kasold Dr	Street	8	Yes	No			
P129	W 26th St	North	Ousdahl	Ridge Ct	Street	8	Yes	Yes			
P055	N 8th St	East	Elm St	Walnut St	Street	8	Yes	Yes			
P059	E 13th St	North	Haskell Ave	Brook St	Street	8	Yes	Yes			
P067	Kensington Rd	East	E 28th St	E 30th St	Street	8	Yes	No			
P078	Illinois St	East	W 5th St	W 3rd St	Street	8	Yes	Yes			
P079	W 5th St	North	Wisconsin St	180 LF West of Alabama St	Street	8	Yes	Yes			
P093	Crestline Dr	East	W 30th St	Crestline Pl	Street	8	Yes	No			
P094	Winterbrook Dr	West	450 LF South of W 25th Ter	Kasold Dr	Street	8	Yes	No			
P099	Wimbledon Dr	West	Killarney Ct	Inverness Dr	Street	8	Yes	No			
P100	Carmel Dr	West	Inverness Dr	Killarney Ct	Street	8	Yes	No			
P102	Goldfield St	South	Oak Tree Dr	Harvard Rd	Street	8	Yes	No			
P106	Stonecreek Dr	West	Harvard Rd	Legends Dr	Street	8	Yes	No			
P107	April Rain Rd	West	Harvard Rd	Stoneridge Dr	Street	8	Yes	No			
P115	Creekwood Dr	North	Glenview Dr	Princeton Blvd	Street	8	Yes	No			
P120	Schwarz Rd	South/West	Lawrence Ave	W 6th St	Street	8	Yes	Yes			
P125	Tomahawk Dr	South	Rockfence Pl	Bighorn Ct	Street	8	Yes	No			
P131	Kansas St	East/South	Park Hill Ter	Montana St	Street	8	Yes	Yes			
P132	E 17th St	North	Harper St	Powers St	Street	8	Yes	Yes			
P135	E 21st Ter	Both	E 21st St	120 LF South of E 21st St	Street	8	Yes	Yes			
P045	Kasold Dr	East	Tam O'Shanter Dr	Bob Billings Pkwy	Arterial	7	No	Yes			
P032	Kasold Dr	East	W 5th Ter	Trail Rd	Arterial	7	No	No			
P037	N 3rd St	West	KTA Entrance Rd	City Limits	Arterial	7	No	Yes			
P039	N 3rd St	East	KTA Entrance Rd		Arterial	7	No	Yes			
P040	N 3rd St	East	KTA Entrance Rd	City Limits	Arterial	7	No	Yes			
P041	N 3rd St	East	KTA Entrance Rd		Arterial	7	No	Yes			
P029	Kasold Dr	East	W 22nd St	Tam O'Shanter Dr	Arterial	7	No	No			
P011	W 31st St	North	East of Ousdahl Rd		Arterial	7	No	Yes			
P155	Naismith Dr	East	W 22nd Ter	W 23rd St	Collector	7	No	Yes			
P158	Naismith Dr	East	W 22nd St	W 22nd Ter	Collector	7	No	Yes			
P159	Naismith Dr	East	W 21st St	W 22nd St	Collector	7	No	Yes			
P160	Naismith Dr	East	W 19th St	W 19th Ter	Collector	7	No	Yes			
P161	Naismith Dr	East	W 19th Ter	W 20th St	Collector	7	No	Yes			
P162	Naismith Dr	East	W 20th St	W 21st St	Collector	7	No	Yes			
P148	Rockledge Rd	East	W 9th St	National Ln	Collector	7	No	Yes			
P149	Lyon St	North	N 7th St	600 LF East of N 7th St	Collector	7	No	Yes			
P151	W 2nd St	South	McDonald Dr	Mount Hope Ct	Collector	7	No	Yes			
P156	W 21st St	South	Naismith Dr	Mitchell Rd	Collector	7	No	Yes			
P163	W 21st St	South	Mitchell Rd	Owens Ln	Collector	7	No	Yes			
P164	Harper St	West	E 24th St	E 25th Ter	Collector	7	No	Yes			
P166	Overland Dr	North	North of Queens Rd		Collector	7	No	No			
P167	Overland Dr	South	South of Queens Rd		Collector	7	No	No			
P172	Lyon St	North	N 2nd St	N 3rd St	Collector	7	No	Yes			
P174	Lyon St	North	N 6th St	N 7th St	Collector	7	No	Yes			
P176	Locust St	North	N 3rd St	N 7th St	Collector	7	No	Yes			
P179	W 21st St	South	Carolina St	Louisiana St	Collector	7	No	Yes			
P180	W 21st St	South	Iowa St	Ousdahl Rd	Collector	7	No	Yes			
P182	Naismith Dr	East	Dillon's Entrance	W 23rd St	Collector	7	No	Yes			

Pedestrian Projects - Prioritized per Non-motorized Project Prioritization Policy

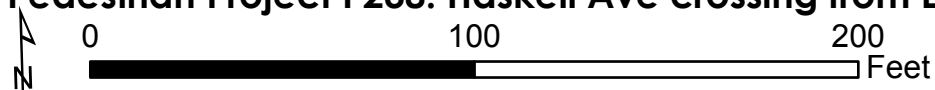
GIS ID#	Project	Side	From	To	Road Classification	Total Score	SRTS	CDBG	Estimate	Status	Notes
P183	W 24th St	North	Eddingham Dr	Naismith Dr	Collector	7	No	Yes			
P184	W 24th St	North	94 LF West of Eddingham Dr	Eddingham Dr	Collector	7	No	Yes			
P185	Crestline Dr	West	W 9th St	Yale Rd	Collector	7	No	No			
P186	Rockledge Rd	South	East of Country Club Ter		Collector	7	No	Yes			
P188	Rockledge Rd	North	East of Country Club Ter		Collector	7	No	Yes			
P189	Rockledge Rd	West	W 6th St	National Ln	Collector	7	No	Yes			
P192	Kensington Rd	West	Hampton St	E 27th St	Collector	7	No	No			
P193	W 15th St	North	Engel Rd	Iowa St	Collector	7	No	Yes			
P195	W 2nd St	North	Mount Hope Ct	Michigan St	Collector	7	No	Yes			
P197	Maine St	East	W 6th St	W 4th St	Collector	7	No	Yes			
P198	W 11th St	South	Indiana St	Louisiana St	Collector	7	No	Yes			
P203	W 25th St	North	Iowa St	Ridge Ct	Collector	7	No	Yes			
P204	W 25th St	South	Iowa St	Ridge Ct	Collector	7	No	Yes			
P211	W 21st St	North	Tennessee St	Louisiana St	Collector	7	No	No			
P212	W 21st St	South	Tennessee St	Louisiana St	Collector	7	No	No			
P213	W 24th St	North	Ousdahl Rd	94 LF West of Eddingham Dr	Collector	7	No	Yes			
P214	W 24th St	South	Ousdahl Rd	Eddingham Dr	Collector	7	No	Yes		Complete	Completed as part of 2016 CDBG
P216	W 9th St	North	West of Iowa St		Collector	7	No	Yes			
P217	W 9th St	South	West of Iowa St		Collector	7	No	Yes			
P226	Michigan St	East	W 6th St	W 5th St	Collector	7	No	Yes			
P227	Alabama St	West	W 23rd St	Jasu Dr	Collector	7	No	Yes	\$66,336		should be done with P227 (\$137k)
P229	Barker Ave	East	E 14th St	E 19th St	Collector	7	No	Yes			
P231	W 2nd St	North	McDonald Dr	Mount Hope Ct	Collector	7	No	Yes			
P237	Vermont St crossing				Collector	7	No	Yes			
P241	Tennessee St Crossing		north of 7th		Collector	7	No	Yes			
P038	N 3rd St	East	KTA Entrance Rd		Arterial	6	No	Yes			
P016	N Kasold Dr	East	Creekwood Dr	Peterson Rd	Arterial	6	No	No			
P024	W 19th St	North	Maine St	Maine St	Arterial	6	No	Yes			
P012	Massachusetts St	West	21st St	23rd St	Arterial	6	No	No			
P110	Trail Rd	South	Folks Rd	Monterey Way	Collector	6	Yes	No			
P154	Princeton Blvd	North	350' east of Yorkshire	N Iowa	Collector	6	Yes	No	\$68,504	Selected	2018 SRTS
P127	Bobwhite Dr	South	George Williams Way	Lake Alvamar Dr	Collector	6	Yes	No			
P128	Harvard Rd	North	Kasold Dr	Lawrence Ave	Collector	6	Yes	No	\$48,987	Selected	2018 SRTS
P111	Sharon Dr	West	Springhill Dr	Trail Rd	Street	6	Yes	No			
P114	Brett Dr	North	Brentwood Dr	Stowe Ct	Street	6	Yes	No			
P117	Rockfence Pl	East	Trail Rd	Riverview Rd	Street	6	Yes	No			
P101	W 12th St	North/South	Oak Tree Dr	Wagon Wheel Rd	Street	6	Yes	No			
P116	Rockfence Pl	West	Riverview Rd	Tomahawk Dr	Street	6	Yes	No			
P126	Riverview Rd	North	Rockfence Pl	Rockfence Pl	Street	6	Yes	No			
P133	E 17th St	South	Irving Dr	Lindenwood Ln	Street	6	Yes	Yes			
P033	Kasold Dr	West	Trail Rd	Tomahawk Dr	Arterial	5	No	No			
P034	Kasold Dr	East	Trail Rd	Tomahawk Dr	Arterial	5	No	No			
P157	W 21st St	South	Owens Ln	Carolina St	Collector	5	No	Yes			
P178	W 21st St	North	Tennessee St	Massachusetts St	Collector	5	No	No			
P187	Rockledge Rd	North	East of Country Club Ter		Collector	5	No	Yes			
P190	Lawrence Ave	West	Harvard Rd	Bob Billings Pkwl	Collector	5	No	No			
P194	Fambrough Dr, W	North, South	Mississippi St	Stratford	Collector	5	No	Yes			
P232	Inverness Dr	West	Wimbledon Dr	2012 Inverness Dr	Collector	5	No	No			
P152	Rockledge Rd	South	East of Country Club Ter		Collector	5	No	Yes			

Pedestrian Projects - Prioritized per Non-motorized Project Prioritization Policy

GIS ID#	Project	Side	From	To	Road Classification	Total Score	SRTS	CDBG	Estimate	Status	Notes
P153	Rockledge Rd	South	East of Country Club Ter	McDonald Dr	Collector	5	No	Yes			
P165	E 25th Ter	South	East of Haskell Ave		Collector	5	No	No			
P168	Overland Dr	North	George Williams Way	Chimney Rocks Cir	Collector	5	No	No			
P169	W 18th St	South	Wakarusa Dr	Corporate Centre Dr	Collector	5	No	No			
P170	W 18th St	South	East of Research Park Dr		Collector	5	No	No			
P173	Lyon St	North	N 3rd St	N 5th St	Collector	5	No	Yes			
P177	Locust St	North	N 8th St	N 9th St	Collector	5	No	Yes			
P191	Branchwood Dr	West	Stoneridge Dr	Stonecreek Dr	Collector	5	No	No			
P196	W 4th St	North	McDonald Dr	Northwood Ln	Collector	5	No	Yes			
P199	Eisenhower Dr	West	Eisenhower Ter	Campbell Pl	Collector	5	No	No			
P200	Dole Dr	West	Wakarusa Dr	Earhart Cir	Collector	5	No	No			
P201	Dole Dr	West	North of Earhart Cir		Collector	5	No	No			
P202	E 11th St	South	Haskell Ave	750 LF West of Haskell	Collector	5	No	Yes			
P205	North St	North	N 3rd St	N 7th St	Collector	5	No	Yes			
P206	North St	South	N 3rd St	N 7th St	Collector	5	No	Yes			
P207	Lyon St	South	N 7th St	N 9th St	Collector	5	No	Yes			
P208	Lyon St	North	450 LF West of N 8th St	N 9th St	Collector	5	No	Yes			
P209	N 9th St	East	Lyon St	Elm St	Collector	5	No	Yes			
P210	N 9th St	West	Lyon St	Elm St	Collector	5	No	Yes			
P215	W 25th St	South	Ousdahl Rd	Cedarwood Ave	Collector	5	No	Yes			
P219	Princeton Blvd	South	Providence Rd	Iowa St	Collector	5	No	Yes			
P222	E 11th St	South	E 11th St	East City Limits	Collector	5	No	Yes			
P223	E 11th St	North	E 11th St	East City Limits	Collector	5	No	Yes			
P225	Harper St	East	E 15th St	E 17th St	Collector	5	No	Yes			
P228	W 25th St	North	Ousdahl Rd	Cedarwood Ave	Collector	5	No	Yes			
P230	Barker Ave	East	W 19th St	E 23rd St	Collector	5	No	No			
P235	Kasold Drive Crossing		Riverview Rd		Arterial	4	No	No			
P013	Kasold Dr	East	Yale Rd	W 14th St	Arterial	4	No	No			
P017	N Kasold Dr	East	Tomahawk Dr	Creekwood Dr	Arterial	4	No	No			
P022	E 1000 Rd	East	Wakarusa Dr	City Limits	Arterial	4	No	No			
P023	E 1000 Rd	West	Wakarusa Dr	City Limits	Arterial	4	No	No			
P036	Wakarusa Dr	South	East of Queens Rd		Arterial	4	No	No			
P042	Wakarusa Dr	North	East of Queens Rd		Arterial	4	No	No			
P046	N Iowa St	West	Packer Rd	Lakeview Rd	Arterial	4	No	No			
P171	Bobwhite Dr	South/East	Lake Alvamar Dr	Bob Billings Pkwl	Collector	3	No	No			
P220	Queens Rd	West	W 6th St	North City Limits	Collector	3	No	No			
P221	Queens Rd	East	W 6th St	North City Limits	Collector	3	No	No			
P233	Inverness Dr	East	Carmel Dr	2012 Inverness Dr	Collector	3	No	No			



Pedestrian Project P238: Haskell Ave crossing from E 16th St to



Pedestrian Prioritization Score

Priority Network Score:	3
Pedestrian Access Score:	5
Roadway Volume Score:	0
Crossing Score:	0
Total Score:	8

Engineer's estimate: \$
 Funding source:
 Sidewalk missing 1 side(s).
 Adjacent road class is Arterial.
 Safe Routes to School? No
 CDBG eligible? Yes



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Pedestrian Project P083: Michigan St from W 3rd St to W 2nd St



Pedestrian Prioritization Score

Priority Network Score:	5
Pedestrian Access Score:	5
Roadway Volume Score:	0
Crossing Score:	0
Total Score:	10

Engineer's estimate: \$55289
 Funding source: Proposed 2017/2018 ped project
 Sidewalk missing 1 side(s).
 Adjacent road class is Collector.
 Safe Routes to School? Yes
 CDBG eligible? Yes



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Pedestrian Project P088: W 27th St from Crestline Dr to 100 LF East of Chipperfield Rd (P



Pedestrian Prioritization Score

Priority Network Score:	5
Pedestrian Access Score:	5
Roadway Volume Score:	0
Crossing Score:	0
Total Score:	10

Engineer's estimate: \$36427

Funding source: Proposed 2017/2018 ped project

Sidewalk missing 1 side(s).

Adjacent road class is Collector.

Safe Routes to School? Yes

CDBG eligible? No

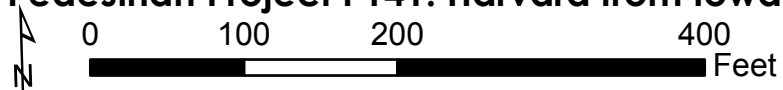


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Pedestrian Project P141: Harvard from Iowa to Hilltop



Pedestrian Prioritization Score

Priority Network Score: 5
 Pedestrian Access Score: 5
 Roadway Volume Score: 0
 Crossing Score: 0
 Total Score: 10

Engineer's estimate: \$54418
 Funding source: Proposed 2017/2018 ped project
 Sidewalk missing 1 side(s).
 Adjacent road class is Collector.
 Safe Routes to School? Yes
 CDBG eligible? Yes

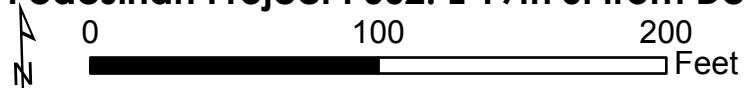


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Pedestrian Project P002: E 19th St from Delaware St to Burroughs Creek Trail



Pedestrian Prioritization Score

Priority Network Score:	3
Pedestrian Access Score:	5
Roadway Volume Score:	0
Crossing Score:	0
Total Score:	8

Engineer's estimate: \$11963
 Funding source: Proposed 2018 CDBG
 Sidewalk missing 1 side(s).
 Adjacent road class is Arterial.
 Safe Routes to School? No
 CDBG eligible? Yes

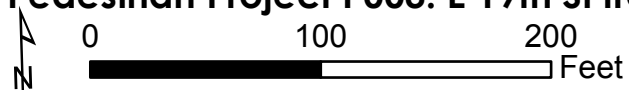


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Pedestrian Project P003: E 19th St from Learnard Ave to Delaware St



Pedestrian Prioritization Score

Priority Network Score:	3
Pedestrian Access Score:	5
Roadway Volume Score:	0
Crossing Score:	0
Total Score:	8

Engineer's estimate: \$16165
 Funding source: Proposed 2018 CDBG
 Sidewalk missing 1 side(s).
 Adjacent road class is Arterial.
 Safe Routes to School? No
 CDBG eligible? Yes

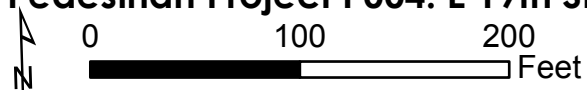


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Pedestrian Project P004: E 19th St from Barker to Leanard



Pedestrian Prioritization Score

Priority Network Score:	3
Pedestrian Access Score:	5
Roadway Volume Score:	0
Crossing Score:	0
Total Score:	8

Engineer's estimate: \$22689
 Funding source: Proposed 2018 CDBG
 Sidewalk missing 1 side(s).
 Adjacent road class is Arterial.
 Safe Routes to School? No
 CDBG eligible? Yes

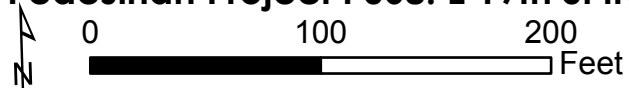


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Pedestrian Project P068: E 19th St from Burroughs Creek Trail to Moodie Rd



Pedestrian Prioritization Score

Priority Network Score:	5
Pedestrian Access Score:	5
Roadway Volume Score:	0
Crossing Score:	0
Total Score:	10

Engineer's estimate: \$19639
 Funding source: Proposed 2018 CDBG
 Sidewalk missing 1 side(s).
 Adjacent road class is Arterial.
 Safe Routes to School? Yes
 CDBG eligible? Yes

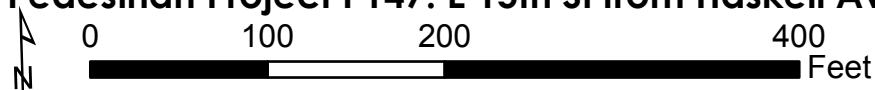


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Pedestrian Project P147: E 15th St from Haskell Ave to Maple Ln



Pedestrian Prioritization Score

Priority Network Score:	5
Pedestrian Access Score:	5
Roadway Volume Score:	0
Crossing Score:	0
Total Score:	10

Engineer's estimate: \$41712
 Funding source: Proposed 2018 CDBG
 Sidewalk missing 1 side(s).
 Adjacent road class is Arterial.
 Safe Routes to School? Yes
 CDBG eligible? Yes

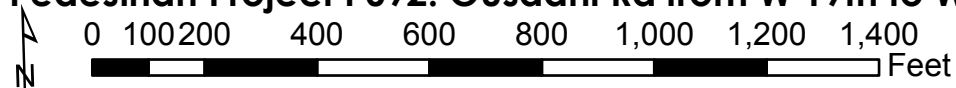


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Pedestrian Project P092: Ousdahl Rd from W 19th to W 22nd Ter



Pedestrian Prioritization Score

Priority Network Score:	5
Pedestrian Access Score:	5
Roadway Volume Score:	0
Crossing Score:	0
Total Score:	10

Engineer's estimate: \$132556
 Funding source: Proposed 2018 CDBG
 Sidewalk missing 1 side(s).
 Adjacent road class is Collector.
 Safe Routes to School? Yes
 CDBG eligible? Yes



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