![Lawrence - Douglas County MPO - Metropolitan Planning Organization](logo)

MEETING 4 NOTES
Intelligent Transportation Systems (ITS) Steering Committee
Monday, April 26, 2021
1:30 – 2:30 PM
Virtual meeting hosted in
Parks and Recreation Administration Building
1141 Massachusetts St

	Agency	Stakeholder		Agency	Stakeholder
	FTA	Eva Steinman	X		Nick Hoyt
X	FHWA	David LaRoche	X		Dustin Smith
X	KDOT	Michael Flory, Taylor McHenry, Garry Olson, Mike Floberg		Lawrence	Caleb Pettengill
	KTA	David Jacobsen	X		Micah Seybold
X	KC Scout	Randy Johnson	X		Rob Neff
	Baldwin City	Ed Courton	X		Kevin Fussell
	Eudora	Branden Boyd		Douglas County	Chad Voigt
			X	Lawrence Transit	Adam Weigel
			X	KU On Wheels	Aaron Quisenberry
	Staff			**Public**	
X	L-DC MPO	Jessica Mortinger	X	DGCO Emergency Communications	Jeremy Rabb
X	L-DC MPO	Ashley Bryers	X	KDOT	Thomas Northup
X	L-DC MPO	Sarah Buford			
X	L-DC MPO	Ari Leyva			

1. **Zoom Meeting Preamble (1:30pm)**

2. **Introductions –** Introductions were made.

3. **Public Comment –** No public comments were given.

4. **Meeting 3 Notes –** Meeting notes were found satisfactory.

5. **Plan Update Process (Discussion) –** Staff presented the timeline.

Intelligent Transportation System (ITS) Plan Update

Task	March 4 @ 1:30 - 3:00	March 29 @ 1:30 - 3:00	April 13 @ 10:30 - Noon	April 26 @ 1:30 - 3:00	May	June
Development						
Steering Committee	Kickoff	Meeting 2	Meeting 3	Meeting 4		
Meeting Topic	Overview, Discuss ITS needs, & Verify goals (T2040 & ITS)	Discuss projects (new & old)	Discuss timeline, priorities & necessary agreements	Review draft plan		
Homework	Review & comment on ITS needs & Review existing projects for Meeting 2	Provide any further comments on projects	Review & comment on necessary agreements	Review & comment on draft plan		
Review						
15-day public comment period					Anticipated - May 6 - May 21*	
Document public comments & make necessary edits					X	
TAC/MPO Policy Board consideration of ITS Plan						Anticipated - June 1 & June 17*
Pending Policy Board approval post online and send to KDOT, FHWA, and FTA						X

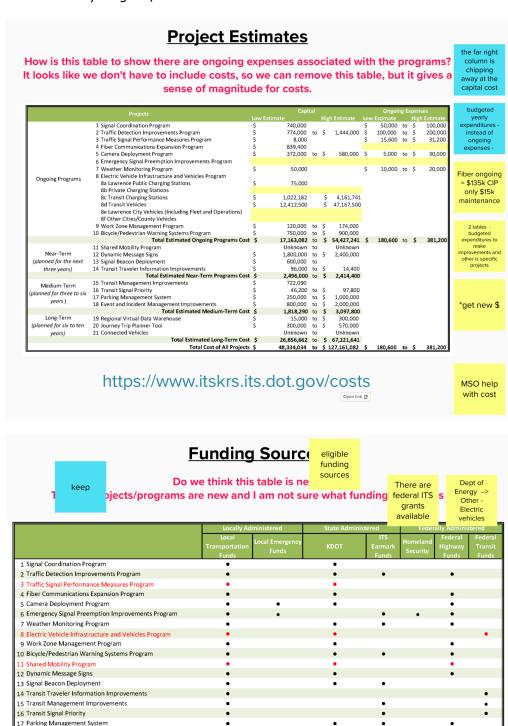* Anticipated dates. The final dates depend on how the planning process advances.   2.25.21

** Public participation process includes: Newspaper advertisement, email to subscription list, place document online and at public locations - Baldwin City Public Library, Eudora City Hall, Lawrence Public Library, Lecompton City Hall, and MPO Office, send to TAC and Policy Board for review

Page **1** of **5**

6. **Plan Goals (Discussion) –** The Committee used Mural during the meeting to review and update project plan goals. Goals were added to the Signal Coordination Program, Traffic Signal Performance Measures Program, Electric Vehicle Infrastructure and Vehicles Program, and Dynamic Message Signs.

Plan Goals with ITS Projects/Programs

Any edits to the goals associated with the projects?

	Access & Choices	Mobility & Prosperity	Preservation, Safety, & Security	Sustain & Enhance
1 Signal Coordination Program	●	●	♥	●
2 Traffic Detection Improvements Program	●	●	●	●
3 Traffic Signal Performance Measures Program	●	●		♥
4 Fiber Communications Expansion Program	●	●	●	
5 Camera Deployment Program			●	●
6 Emergency Signal Preemption Improvements Program		●	●	
7 Weather Monitoring Program			●	●
8 Electric Vehicle Infrastructure and Vehicles Program	●	♥	●	●
9 Work Zone Management Program		●	●	●
10 Bicycle/Pedestrian Warning Systems Program		●	●	
11 Shared Mobility Program	●	●		●
12 Dynamic Message Signs	●	●	♥	●
13 Signal Beacon Deployment		●	●	
14 Transit Traveler Information Improvements	●	●		
15 Transit Management Improvements	●	●		
16 Transit Signal Priority		●		●
17 Parking Management System	●	●		
18 Event and Incident Management Improvements	●	●	●	●
19 Regional Virtual Data Warehouse	●		●	
20 Journey Trip Planner Tool	●	●		●
21 Connected Vehicles	●	●	●	●

Transportation 2040 Goals
1. Access & Choices – Enhance transportation options and choices for improved system performance
2. Mobility & Prosperity – Efficient movement of people, goods, and freight
3. Preservation, Safety, & Security – Prioritize preservation, safety, and security of the transportation network
4. Sustain & Enhance – Minimize adverse social, economic, and environmental impacts created by transportation

7. **Project Estimates & Funding Sources (Discussion)** – The Committee used Mural to review and update Project Estimates and Funding Sources. The Committee corrected funding sources for the Traffic Signal Performance Measures Program, Electric Vehicle Infrastructure and Vehicles Program, Shared Mobility Program, and Connected Vehicles.

Project Estimates

How is this table to show there are ongoing expenses associated with the programs? It looks like we don't have to include costs, so we can remove this table, but it gives a sense of magnitude for costs.

Sticky note (right): the far right column is chipping away at the capital cost

Sticky note (right): budgeted yearly expenditures - instead of ongoing expenses -

Sticky note (right): Fiber ongoing = $135k CIP only $15k maintenance

Sticky note (right): 2 tables - budgeted expenditures to make improvements and other is specific projects

*Sticky note (right): *get new $*

	Projects	Capital Low Estimate			High Estimate	Ongoing Expenses Low Estimate			High Estimate
Ongoing Programs	1 Signal Coordination Program	$ 740,000				$ 50,000	to	$	100,000
	2 Traffic Detection Improvements Program	$ 774,000	to	$	1,444,000	$ 100,000	to	$	200,000
	3 Traffic Signal Performance Measures Program	$ 8,000				$ 15,600	to	$	31,200
	4 Fiber Communications Expansion Program	$ 839,400							
	5 Camera Deployment Program	$ 372,000	to	$	580,000	$ 5,000	to	$	30,000
	6 Emergency Signal Preemption Improvements Program								
	7 Weather Monitoring Program	$ 50,000				$ 10,000	to	$	20,000
	8 Electric Vehicle Infrastructure and Vehicles Program								
	8a Lawrence Public Charging Stations	$ 75,000							
	8b Private Charging Stations								
	8c Transit Charging Stations	$ 1,022,182		$	4,161,741				
	8d Transit Vehicles	$ 12,412,500		$	47,167,500				
	8e Lawrence City Vehicles (Including Fleet and Operations)								
	8f Other Cities/County Vehicles								
	9 Work Zone Management Program	$ 120,000	to	$	174,000				
	10 Bicycle/Pedestrian Warning Systems Program	$ 750,000	to	$	900,000				
	Total Estimated Ongoing Programs Cost	**$ 17,163,082**	**to**	**$**	**54,427,241**	**$ 180,600**	**to**	**$**	**381,200**
Near-Term *(planned for the next three years)*	11 Shared Mobility Program	Unknown	to		Unknown				
	12 Dynamic Message Signs	$ 1,800,000	to	$	2,400,000				
	13 Signal Beacon Deployment	$ 600,000	to						
	14 Transit Traveler Information Improvements	$ 96,000	to	$	14,400				
	Total Estimated Near-Term Programs Cost	**$ 2,496,000**	**to**	**$**	**2,414,400**				
Medium-Term *(planned for three to six years)*	15 Transit Management Improvements	$ 722,090							
	16 Transit Signal Priority	$ 46,200	to	$	97,800				
	17 Parking Management System	$ 250,000	to	$	1,000,000				
	18 Event and Incident Management Improvements	$ 800,000	to	$	2,000,000				
	Total Estimated Medium-Term Cost	**$ 1,818,290**	**to**	**$**	**3,097,800**				
Long-Term *(planned for six to ten years)*	19 Regional Virtual Data Warehouse	$ 15,000	to	$	300,000				
	20 Journey Trip Planner Tool	$ 300,000	to	$	570,000				
	21 Connected Vehicles	Unknown	to		Unknown				
	Total Estimated Long-Term Cost	**$ 26,856,662**	**to**	**$**	**67,221,641**				
	Total Cost of All Projects	**$ 48,334,034**	**to**	**$**	**127,161,082**	**$ 180,600**	**to**	**$**	**381,200**

https://www.itskrs.its.dot.gov/costs

Open link ⬈

Sticky note: MSO help with cost

Funding Sources

Sticky note: eligible funding sources

Sticky note: keep

Sticky note: There are federal ITS grants available

Sticky note: Dept of Energy --> Other - Electric vehicles

Do we think this table is ne...
T... ...ojects/programs are new and I am not sure what funding ...s

		Locally Administered		State Administered		Federally Administered		
		Local Transportation Funds	Local Emergency Funds	KDOT	ITS Earmark Funds	Homeland Security	Federal Highway Funds	Federal Transit Funds
1	Signal Coordination Program	●		●				
2	Traffic Detection Improvements Program	●		●	●		●	
3	Traffic Signal Performance Measures Program	●		●				
4	Fiber Communications Expansion Program	●		●			●	
5	Camera Deployment Program	●	●	●			●	
6	Emergency Signal Preemption Improvements Program	●	●		●	●	●	
7	Weather Monitoring Program	●		●	●		●	
8	Electric Vehicle Infrastructure and Vehicles Program	●		●				●
9	Work Zone Management Program	●		●			●	
10	Bicycle/Pedestrian Warning Systems Program	●		●	●		●	
11	Shared Mobility Program	●		●			●	
12	Dynamic Message Signs	●		●			●	
13	Signal Beacon Deployment	●		●	●			
14	Transit Traveler Information Improvements	●						●
15	Transit Management Improvements	●			●			●
16	Transit Signal Priority	●			●			●
17	Parking Management System	●		●	●		●	
18	Event and Incident Management Improvements	●	●	●	●	●	●	
19	Regional Virtual Data Warehouse	●		●	●		●	
20	Journey Trip Planner Tool	●		●	●		●	
21	Connected Vehicles	●		●				

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8. **Project Pages (Discussion) –** The Committee used Mural to review and update information to be displayed in the Project Pages of the plan. The Committee discussed alterations to information in the Camera Deployment Program, Parking Management Systems Project, and Regional Virtual Data Warehouse Project pages.

9. **Draft RAD-IT Website (Discussion) –** The Committee reviewed the industry standard ITS plan software and website, RAD-IT. The Committee was updated on the status of the Lawrence-Douglas County 2021 ITS RAD-IT webpage.

Draft RAD-IT Website

https://assets.lawrenceks.org/assets/mpo/ITS/2021/web/web/index.htm

Open link ⏷

https://assets.lawrenceks.org/mpo/its/2021/20210426-ITS-SC-Agenda.pdf

Open link ⏷

10. **Next Steps – Meeting adjourned at 2:24 pm**
    - Provide any final comments by 5 pm on April 30.
    - Anticipated 15-day public comment period – May 6 to May 21.
    - Technical Advisory Committee and MPO Policy Board – June consideration for approval.