

### APPENDIX B: Public Hearing Materials & Public Involvement Materials

FEBRUARY, 2022







Community and Elected Officials Presentations

Lawrence City Commission Meeting October 16, 2018

> PROJECT #: 10-23 KA-3634-01





- Project Overview
- •SEIS Details & Process
- Public Engagement Plan
- •Upcoming Events
- Contact Information





#### **Project Overview - Why Another Study?**

- •2014-2016: KDOT conducted the K-10 West Leg Concept Study, which included reevaluation of the original EIS.
- •Spring 2016: the public raised concerns regarding the proposed access at Farmer's Turnpike, which led to KDOT & FHWA proposing the need for additional environmental evaluation through Supplemental Environmental Impact Statement (SEIS).
- •September 2018: SEIS begins, and will last 3 years

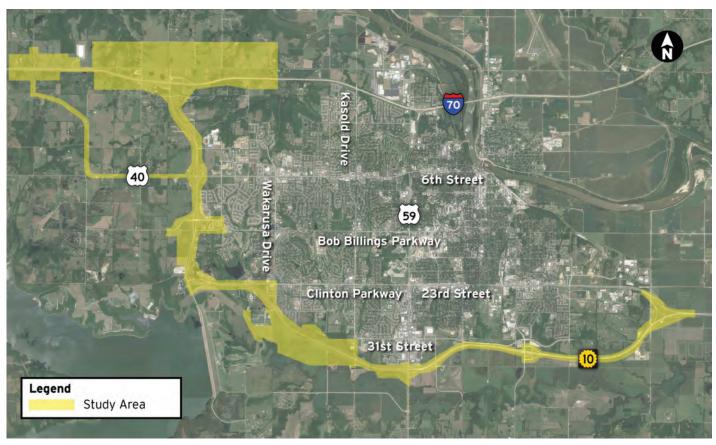


### What is a SEIS?

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- A **Supplemental Environmental Impact Statement** (SEIS) reviews the findings of an existing EIS. A SEIS considers new or additional environmental impacts based on the introduction of new improvement options and/or major changes in the natural environment or communities.
- The South Lawrence Trafficway SEIS will evaluate if and how upgrading the corridor to a four-lane freeway, modifying access, and exploring new funding mechanisms alter the impacts and recommendations previously identified through the 1990 EIS and 2008 East Leg EIS.



#### **SEIS Study Area**



- The West Leg: just north of I-70 at North 1800 Road (Farmer's Turnpike) to US-59/Iowa Street.
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- The project study area also includes East 600 Road/Lecompton Road at Interstate 70 and U.S. 40 from K-10 to E 600

Road.



#### **SEIS Process**



#### SLT SEIS:

Improvement Concept Alternatives Review and Consider new environmental Impacts from 2016 Concept Study in the Study Area.



Purpose & Need Review and Concept Screening: Does the purpose and need make sense and fit the project? Are the Concept Alternatives feasible?

Public Information meeting held.



SEIS Evaluation: What are the impacts of each alternative? What is the best reasonable alternative?



Reasonable Alternatives: How do the alternatives best meet the purpose and need for the project to work?

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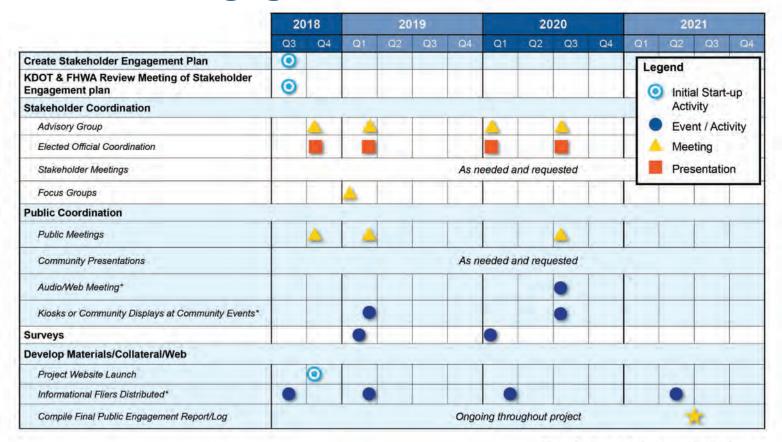


#### Final SEIS ROD:

Identify the best reasonable alternative, based on purpose and need, impacts and public input. The SEIS is finalized when given federal approval, called a ROD.



#### **SEIS Public Engagement Activities and Schedule**





\*Dates for these activites are subject to change.

### **Upcoming Events**

- •Project Website: still under development, will go live prior to the first public meeting
- Advisory Group: First meeting Thursday, October
   18th
- •Public Meeting: Tentatively Scheduled November







#### **Contact Information**

 For any comments and questions, or to request a community presentation: <u>info@SLT-KS.org</u>

 Aaron Frits, P.E. KDOT Project Manager 785-296-4139 <u>Aaron.Frits@ks.gov</u>

 Laurie Arellano KDOT Director of Communications 785-296-3956 Laurie.Arellano@ks.gov



Douglas County Commission Meeting October 24, 2018

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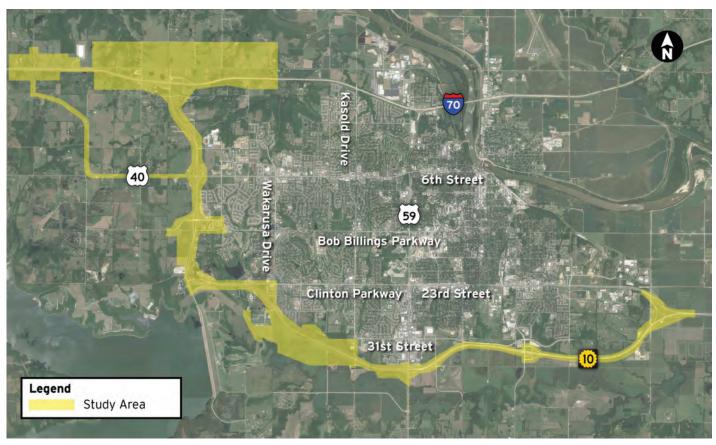


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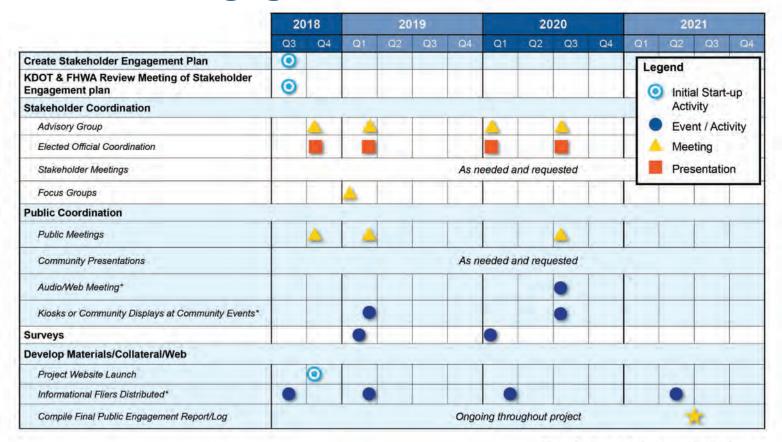


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City of Lecompton City Council Meeting November 5, 2018

> PROJECT #: 10-23 KA-3634-01





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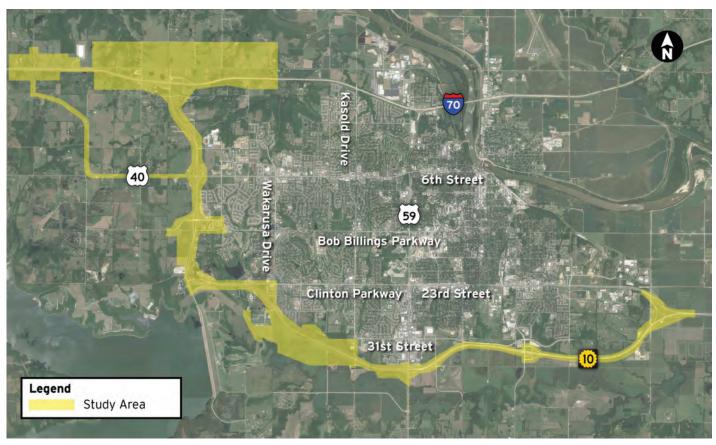


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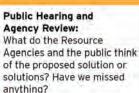
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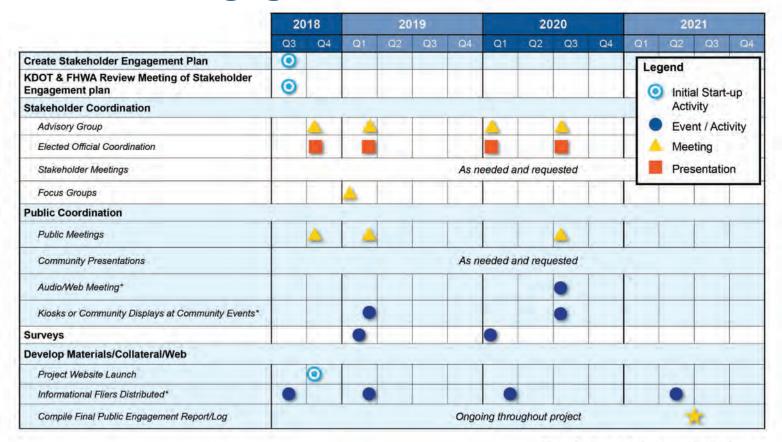
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### **Upcoming Events**

- •Project Website: www.SLT-KS.org
- •Advisory Group: First meeting was held
- Thursday, October 18th
- •Public Meeting: Is scheduled for Wednesday,
- November 14<sup>th</sup> at Southwest Middle School,
- 2511 Inverness,
- 5 pm to 7 pm







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City of Lecompton City Council Meeting November 5, 2018

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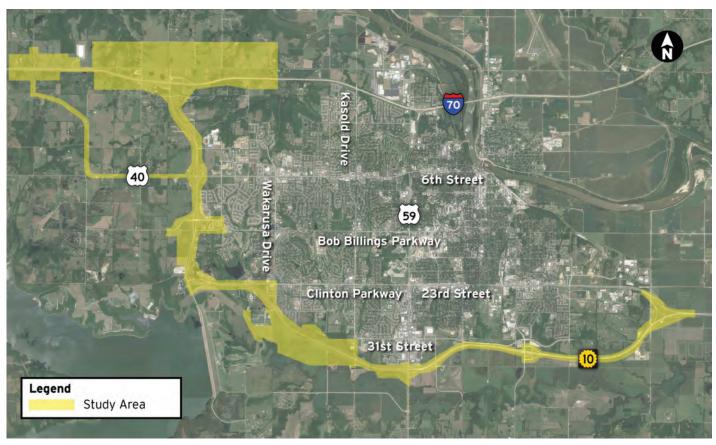


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## 2018 FHWA/KDOT K-10/SLT SEIS – what's valid, what's changed, what's considered

- Assumed that original 1990 EIS P&N is still valid improving local street network LOS and safety. System linkage and access also a consideration.
- East leg constructed and opened in 2016.
- New traffic patterns, volumes, and LOS to be re-evaluated on the system.
- Upgrade of existing west leg from two to four/six lanes.
- Conversion of existing west leg from expressway to limited access freeway.
- Consideration of funding options for the facility both east and west legs.
- Revisiting the configuration of the system connection with I-70.
- Consideration of potential local connections for N 1800 Rd/Farmer's Turnpike.
- Consideration of minor improvements to US-40.



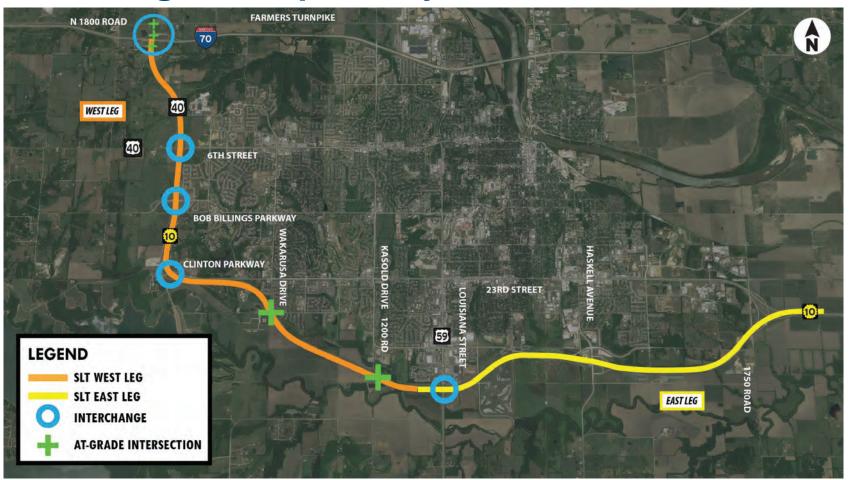


## **Refined/New Purpose and Need Elements for SEIS**

- •Reduce congestion and improve the travel capacity to meet existing and future travel demands,
- •Enhance safety to help address high crash locations within the study area,
- Promote a multimodal transportation system by ensuring the project accommodates the needs of other transportation modes, and
- Support local and regional growth by providing and coordinating transportation connections to be consistent with planned and proposed community land use and development.



#### West Leg Concept Study



Kansas Department of Transportation

#### **Local and Regional Growth**

#### Lawrence Memorial Hospital Outpatient Facility **Ranch Estates** This facility, currently under construction, is located in A planned residential development Ñ the northeast guadrant of the US-40 (6th Street)/SLT located about three-fourths of a mile interchange, just south of Rock Chalk Park. north of the US-40 (6th Street)/SLT interchange on the west side of the SLT. Kasold Mercato 2nd Addition P A planned commercial subdivision located adjacent to the northeast guadrant of the US-40 (6th Street)/SLT interchange. 40 Wakarusa Langston Commons The Collegiate at Lawrence A planned commercial development 59 A planned multi-family housing located adjacent to the northeast development located just northeast Bob Billings Parkway σ guadrant of the Bob Billings Parkway of the US-59 (Iowa Street)/SLT interchange. interchange. Clinton Parkway 23rd Street **Clinton Farms Development** A residential housing development located at the southwest corner of 31st Stri Bob Billings Parkway and K-10 Hwy. 10 **KTen Crossing** Legend A proposed large-scale shopping center Study Area located just southeast of the US-59/SLT interchange. Access to this site will affect the type of interchange design options.



#### **Purpose and Need**

•Does this capture the need you see in the area for the SLT project?

• Do you see other needs?





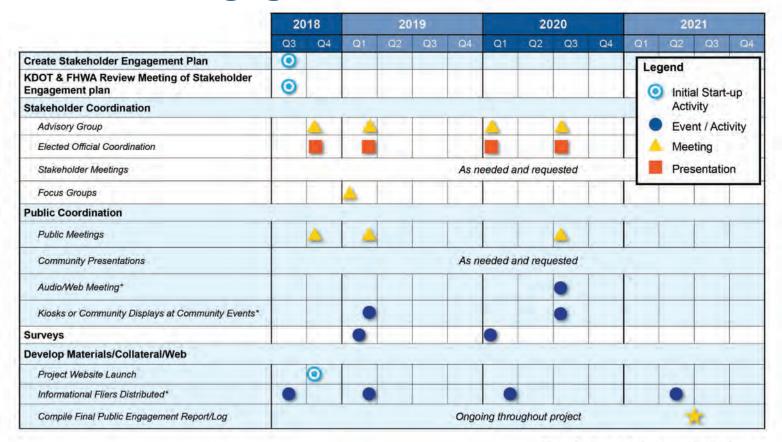
#### **Public Engagement**

The P.I. Plan outlines goals and activities:

- Create a comprehensive and transparent approach to inform and engage project stakeholders and the public in the SEIS process.
- Enhance the visibility and online presence of the SLT project and ensure key stakeholders and others understand the reasons for each phase, its timing and its potential impact.
- Interact with the project team, focus groups and advisory group to gather input on transportation needs in the community.
- Identify, address and mitigate controversial issues early in a collaborative and constructive manner.
- Ensure the stakeholder involvement process is fair, open and responsive to input of the public and the public knows where and how to locate project information.



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Lawrence Kiwanis Club April 4, 2019

PROJECT #: 10-23 KA-3634-01

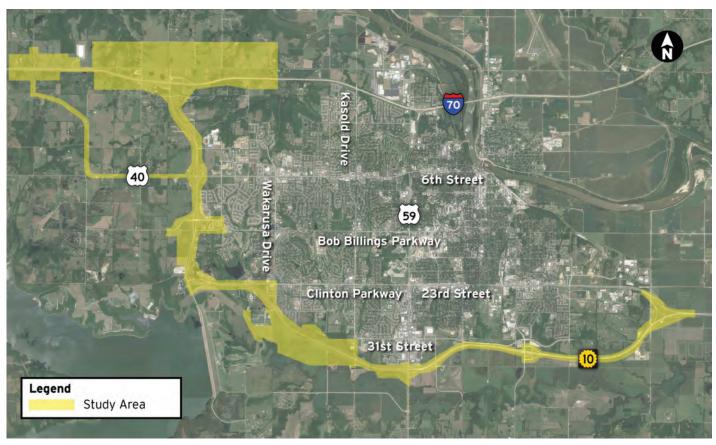




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## **Refined/New Purpose and Need Elements for SEIS**

- **Reduce congestion** and improve the traffic capacity to meet existing and future travel demands,
- Enhance safety to help address high crash locations within the study area,
- Promote a multimodal transportation system by ensuring the project accommodates the needs of other transportation modes, and
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# **Public Meeting Summary**

- 247 people signed in
- 36 submitted comments through PIMA, our Public Involvement Management Application at the meeting
- 37 additional comments through email or online
- Feedback on purpose and need elements







# **Public Meeting Summary**

- Safety
- Traffic and congestion
- Access at Farmer's Turnpike
- Tolling opposition
- Overall support for project

#### -

Please take a set of dots and place a dot on the map next to where you see as the areas you are most concerned:

- Congestion where is congestion the worst for you? Place a red dot there.
- Safety where are you most concerned about safety? Place a yellow dot there.
- Multi-modal where are the opportunities or concerns for multi-modal accommodations? Place a bare dot there.
   Growth where do you see the most potential for growth? Place a green dot there.
- Growth where do you see the most potential for growth / Place a green dot
   Other where do you see other areas of concern? Place a purple dot there.







## **Alternative Development Process**







#### **List of Alternatives**

- No Action
- Transportation System Management/Transportation Demand Management (TSM/TDM)
- Multimodal
- Build Add Capacity Expressway
- Build Add Capacity Freeway
- Build Add Capacity Tolled Highway



#### **Interim Improvements**

- North Junction (K-10/I-70)
  - Light Pole for K-10/Farmer's Turnpike
  - Pavement Markings and Rumble Strips
- K-10/27<sup>th</sup> Street/Wakarusa
  - Queue Backup Warning System
  - Advanced Signal Warning System
  - Interim Intersection Improvement Study
- SLT Corridor (I-70 to East 23<sup>rd</sup> Street Interchange)
  - Three (3) Dynamic Message Signs





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#### **SEIS Public Engagement Activities and Schedule**

	2018		2019				2020				2021			
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q
Create Stakeholder Engagement Plan	0		1.000		1	1005					Legend     Initial Start-up			
KDOT & FHWA Review Meeting of Stakeholder Engagement plan	0													
Stakeholder Coordination												Acti		
Advisory Group		4					4		<b>A</b>	1	Event / Activity			
Elected Official Coordination														
Stakeholder Meetings	As needed and requested										Presentation			
Focus Groups			1101	1			1.01						1.	1
Public Coordination														
Public Meetings		۸.			<u> </u>				4					
Community Presentations	As needed and requested													
Audio/Web Meeting*									•					
Kiosks or Community Displays at Community Events*									•					
Surveys	1				1					1.1			1.1 12	1
Develop Materials/Collateral/Web													1	
Project Website Launch		0												
Informational Fliers Distributed*											2	•		
Compile Final Public Engagement Report/Log						Ongo	ing thro	ughout	project		-	1	te	



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## **Public Officials Briefings**

- Lecompton City Council: Monday, April 15
- Lawrence City Commission: Tuesday, April 16
- Douglas County Commission: Wednesday, April 17

Briefings will occur as part of regularly scheduled meeting agenda for each council/commission.



#### **Public Information Open House #2**

Wednesday, May 1 5 - 7 pm Southwest Middle School 2511 Inverness Drive Lawrence, KS





#### Other ways to stay engaged

- Project website www.SLT-KS.org
- For comments and questions or to request a community presentation: <u>info@SLT-KS.org</u>







# **Project Contacts**

 Aaron Frits, PE KDOT Project Manager 785-296-4139 <u>Aaron.Frits@ks.gov</u>

- Robyn Arthur HNTB Public Involvement Manager 816-527-2457 rarthur@hntb.com
- Javier Ahumada FHWA Environmental Coordinator 785-273-2649 Javier.ahumada@dot.gov



Public Officials Briefings April 2019

PROJECT #: 10-23 KA-3634-01





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# **South Lawrence Trafficway—The SLT**

- •South Lawrence Trafficway is a vital corridor for the local community and commuters.
- •KDOT recognizes the need to look at alternatives to enhance safety and improve capacity while minimizing impacts to the surrounding environment.

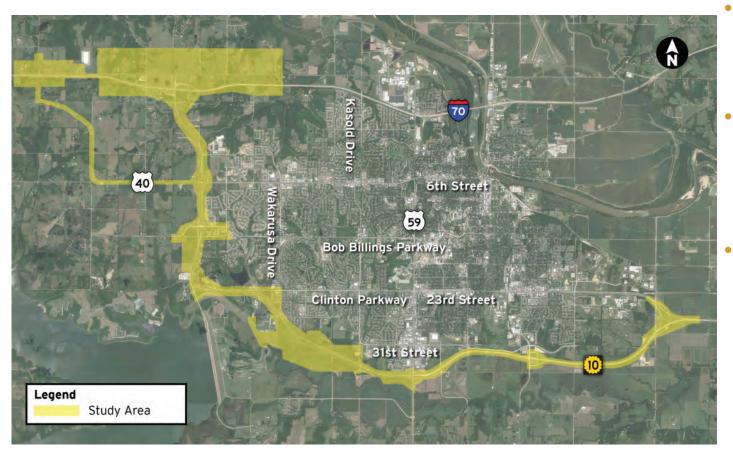








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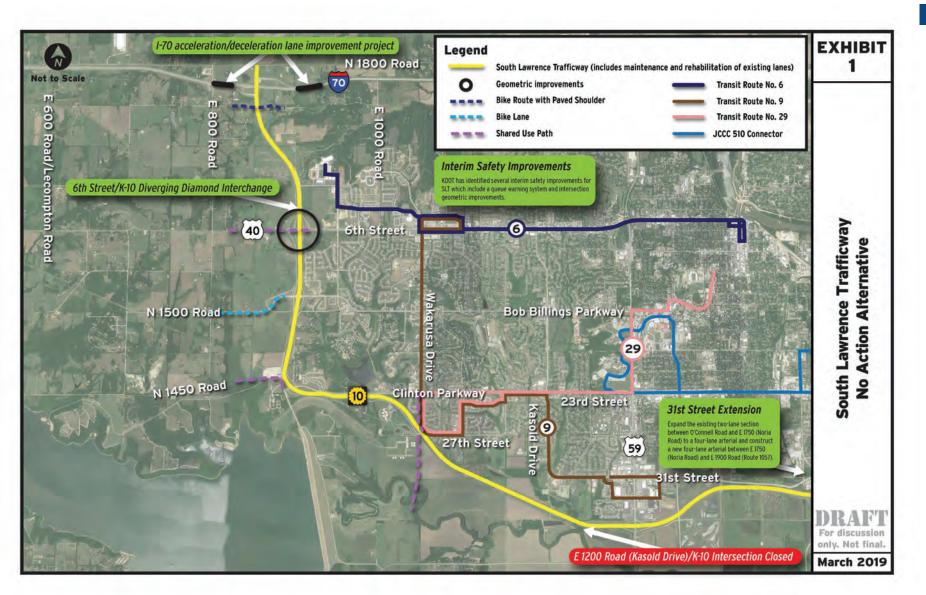




#### **No Action**

- The No Action Alternative makes no capacity improvements on the existing West Leg of the SLT beyond improvements that are directly related to ongoing rehabilitation and maintenance or are already committed or programmed. Those projects include:
  - 6th Street/K-10 Interchange
  - E 1200 Road (Kasold Drive)/K-10 Intersection closure
  - I-70 Acceleration/Deceleration Lane Improvements
  - Interim Safety Improvements



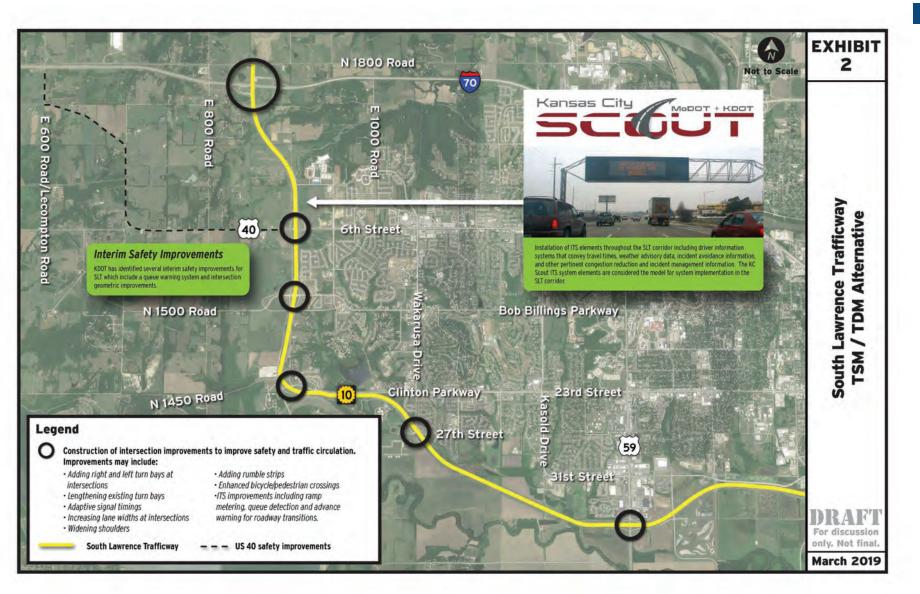




#### Transportation System Management/ Transportation Demand Management (TSM/TDM)

- The TSM/TDM alternative is designed to maximize the efficiency of the existing transportation system by improving capacity and reducing the effects of bottlenecks and chokepoints.
- These strategies are relatively low-cost, low-impact strategies geared toward enhancing mobility on the SLT.
- TSM improvements may include a wide range of strategies, including: coordinated signal timings, intelligent transportation systems (ITS), ramp metering, queue warning systems or minor intersection improvements.
- TDM strategies typically attempt to modify travel behaviors to benefit capacity, such as carpooling, staggered work shifts, telecommuting, and promoting transit use.



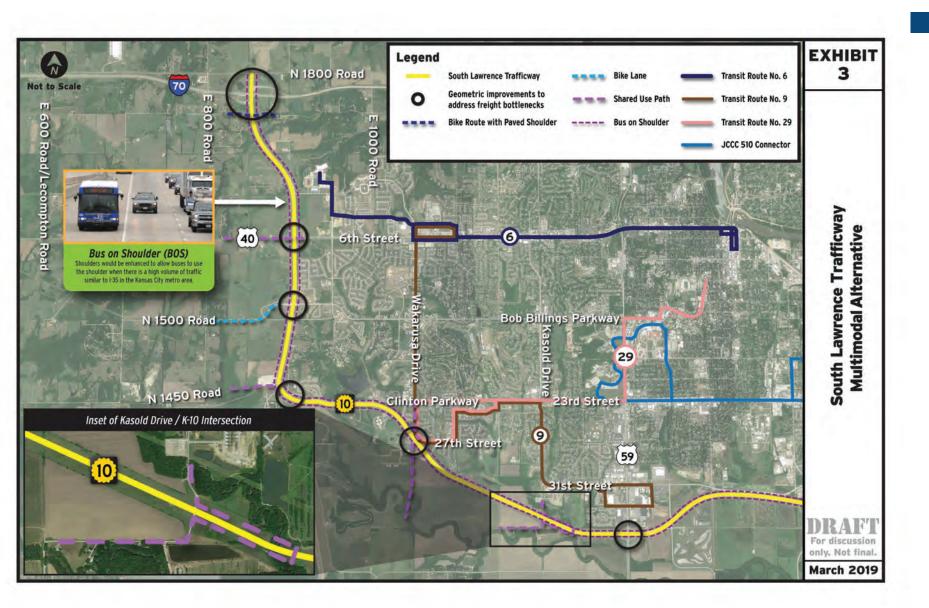




# **Multimodal**

- The Multimodal Alternative includes reasonable measures to enhance crossing of the corridor for non-motorized travel and increases the effectiveness for freight and transit options in the corridor.
- Elements of this alternative allows for the existing transit agencies in the Lawrence region to increase transit routes or enhance transit service by providing roadway improvements that allow for more efficient local and regional transit connections.
- Transit elements such as Bus-on-Shoulder (BOS) that enhance the reliability and reduce congestion of the corridor are also included in this alternative.
- BOS improvements may include hardening and minor widening of existing shoulders on the east leg of the SLT, while also constructing shoulders on the west leg that accommodate bus-on-shoulder operations.





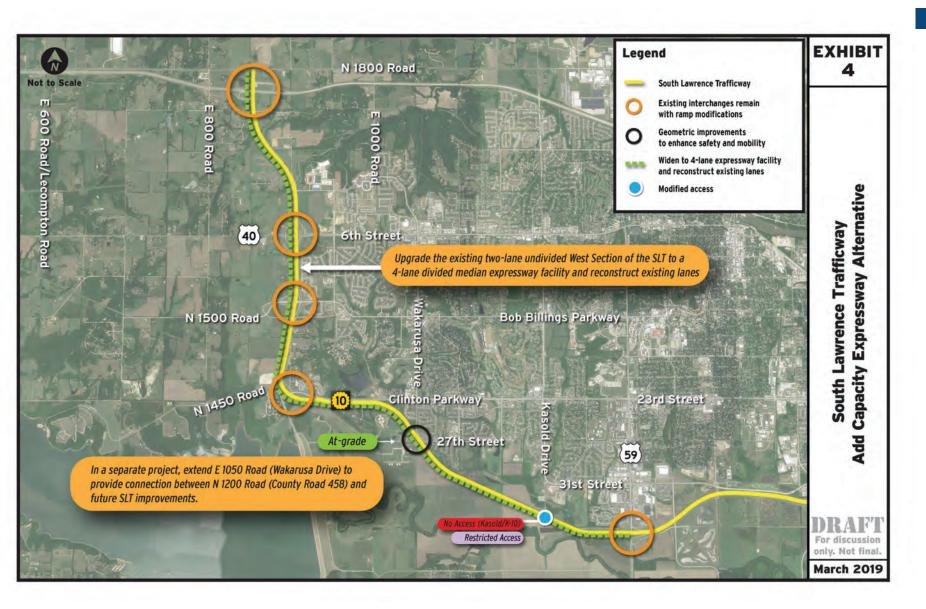




# **Build—Add Capacity Expressway**

- This alternative will upgrade the existing two-lane undivided West Section of the SLT to a median divided expressway facility. It will also include the reconstruction of the existing two lanes.
- Existing interchanges at West 6th Street/U.S. 40, Bob Billings Parkway, Clinton Parkway, and U.S. 59/Iowa Street will remain interchanges with ramp modifications to accommodate additional expressway travel lanes.
- The at-grade intersection at West 27th Street/Wakarusa Drive will remain at grade, however various intersection improvements to enhance safety and mobility may be considered at this location.
- The I-70 interchange ramp terminals would remain in-place, but would have various intersection improvements to enhance safety and mobility.
- In a separate project, E 1050 Road (Wakarusa Drive) will be extended to provide connection between N 1200 Road (County Road 458) and the future SLT improvements.



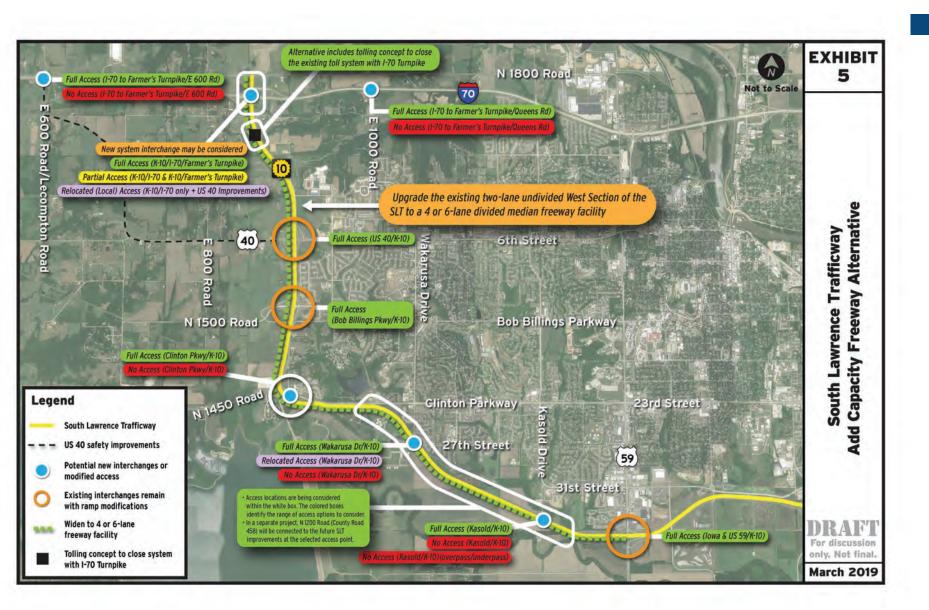




# **Build– Add Capacity Freeway**

- This alternative will upgrade the existing two-lane undivided West Section of the SLT to a median divided fully access-controlled freeway facility with either four or six lanes, as predicated on future need.
- Existing interchanges at West 6th Street/U.S. 40, Bob Billings Parkway, Clinton Parkway, and U.S. 59/Iowa Street will remain interchanges with ramp modifications to accommodate additional freeway travel lanes.
- The at-grade intersection at West 27th Street/Wakarusa Drive will be converted to a grade separated interchange, with its future location on the SLT corridor to be evaluated.
- A system interchange with I-70 will be considered, however new service interchanges at I-70/East 600 Road/Lecompton Road and K-10/I-70/North 1800 Road will also be considered to provide local access.
- In a separate project, N 1200 Road (County Road 458) will be connected to the future SLT improvements at the selected access point.

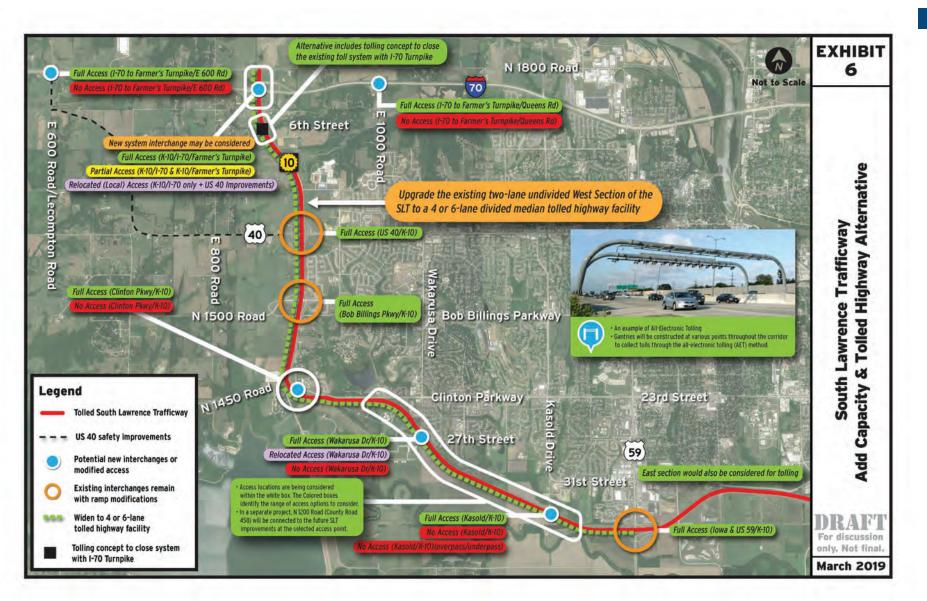






# **Build– Add Capacity Tolled Highway**

- This alternative is similar to the previous 'add capacity' build alternative, however it includes the ability to collect tolls to fund the construction of the facility. The alternative will upgrade the existing two-lane undivided West Leg of the SLT to a divided four or six lane fully access-controlled freeway facility.
- Existing interchanges at West 6th Street/U.S. 40, Bob Billings Parkway, Clinton Parkway, and U.S. 59/Iowa Street will remain interchanges with ramp modifications to accommodate median divided freeway.
- Under a tolled highway concept, existing at-grade intersections located along the SLT West Section, such as the West 27th Street/Wakarusa Drive signalized intersection, will no longer remain in-place. These at-grade intersections will be improved to modified, or new grade-separated access, to enhance safety and mobility along and across the SLT corridor, consistent with a fully access-controlled highway section.
- In a separate project, N 1200 Road (County Road 458) will be connected to the future SLT improvements at the selected access point.
- A system interchange with I-70 will be considered; however, new interchanges at I-70/East 600 Road/Lecompton Road and K-10/I-70/North 1800 Road will also be considered to provide local access. Gantries will be constructed at various points throughout the corridor to collect tolls through the all-electronic tolling (AET) method. Toll booths will not be constructed, so stopping or slowing vehicles to pay tolls will not be required.





# Interim safety improvements

- North Junction (K-10/I-70)
  - Light Pole for K-10/Farmer's Turnpike
  - Pavement Markings and Rumble Strips
- K-10/27<sup>th</sup> Street/Wakarusa
  - Queue Backup Warning System
  - Advanced Signal Warning System
  - Interim Intersection Improvements Study
- SLT Corridor (I-70 to East 23<sup>rd</sup> Street Interchange)
  - Three (3) Dynamic Message Signs





# **Public Officials Briefings**

- Lecompton City Council: Monday, April 15
- Lawrence City Commission: Tuesday, April 16
- Douglas County Commission: Wednesday, April 17

Briefings will occur as part of regularly scheduled meeting agenda for each council/commission.



### **Public Information Open House #2**

Wednesday, May 1 5 - 7 pm Southwest Middle School 2511 Inverness Drive Lawrence, KS





### Other ways to stay engaged

- Project website: www.SLT-KS.org
- For comments and questions or to request a community presentation: <u>info@SLT-KS.org</u>







# **Project Contacts**

 Aaron Frits, PE KDOT Project Manager 785-296-4139 <u>Aaron.Frits@ks.gov</u>

- Robyn Arthur HNTB Public Involvement Manager 816-527-2457 rarthur@hntb.com
- Javier Ahumada FHWA Environmental Coordinator 785-273-2649 Javier.ahumada@dot.gov



# South Lawrence Trafficway SEIS Public Officials Presentation

PROJECT #: 10-23 KA-3634-01 February 26, 2020



# **Today's Update**

- •New Tolled Alternative
- •North End Alternatives
- •Focus Groups
- •Reasonable Alternatives Evaluation Process
- •Next Steps





SLT SEIS: Improvement Concept Alternatives Review and Consider new environmental impacts from 2016 Concept Study in the Study Area.



Purpose & Need Review: Does the purpose and need make sense and fit the project?

Public Information meeting held.

SEIS Evaluation: What are the impacts of each alternative? What is the best reasonable alternative? Reasonable Alternatives: How do the alternatives best meet the purpose and need for the project to work?

Public Information meeting held.



Public Hearing and Agency Review: What do the Resource Agencies and the public think of the proposed solution or solutions? Have we missed anything?

SEIS - Draft SEIS available for comment



Final SEIS Record of Decision: Identify the best reasonable alternative, based on purpose and need, impacts and public input. The SEIS is finalized when given federal approval, called a Record of Decision (ROD).

### **SEIS Process**

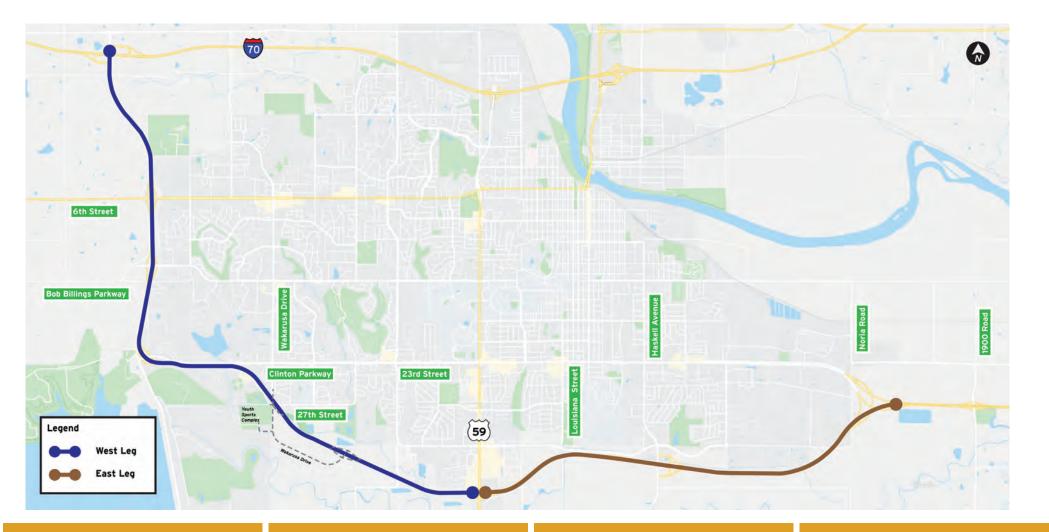


#### **Reasonable Alternatives**

- No Action
- Build Alternative Add Capacity Freeway
- Build Alternative Add Capacity Tolled Highway





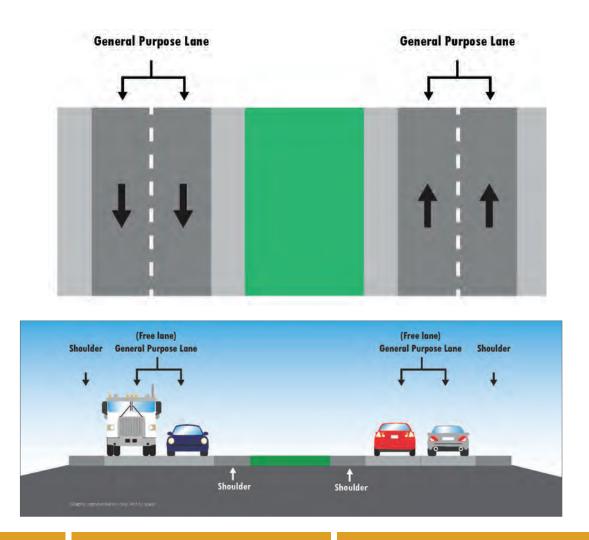




# West Leg and East Leg

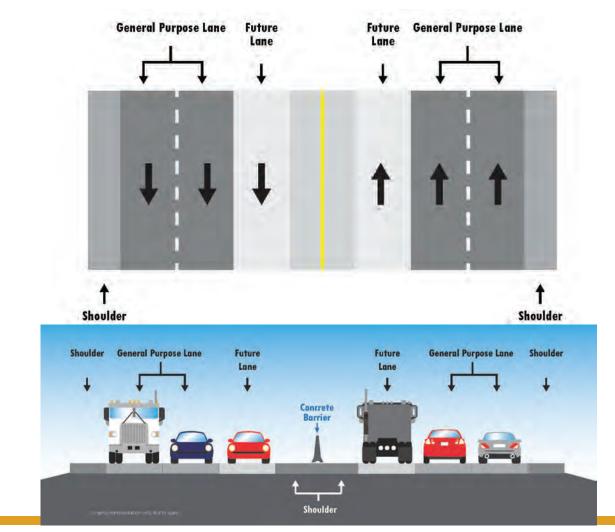


#### **Add Capacity Freeway Alternative**





SLT Add Capacity Freeway 4-lane Cross Section





**SLT Add Capacity Freeway** 6-lane Cross Section

# Since the Last Public Meeting...

- Tolling Legislation Passed Kansas 2019 Legislative Session
  - Existing lanes cannot be tolled
  - Tolling can only be collected on new capacity
  - Tolls collected on SLT could only be used on SLT
  - Communities have to ask KDOT to request tolling be evaluated further

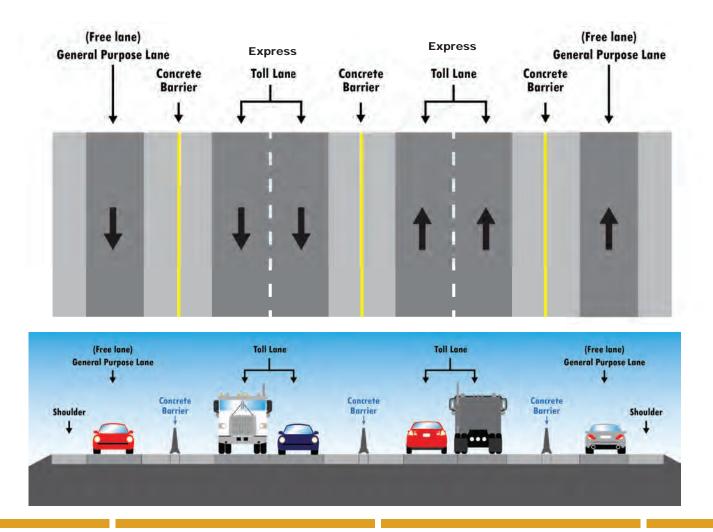
Therefore, if tolling is to be considered as an option to help fund the project, a new tolling alternative had to be developed.



**Review of Alternatives** 

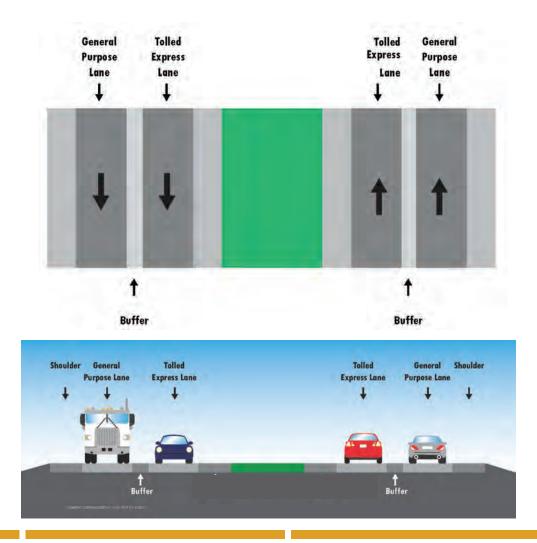
# **Range of Tolled Alternatives**





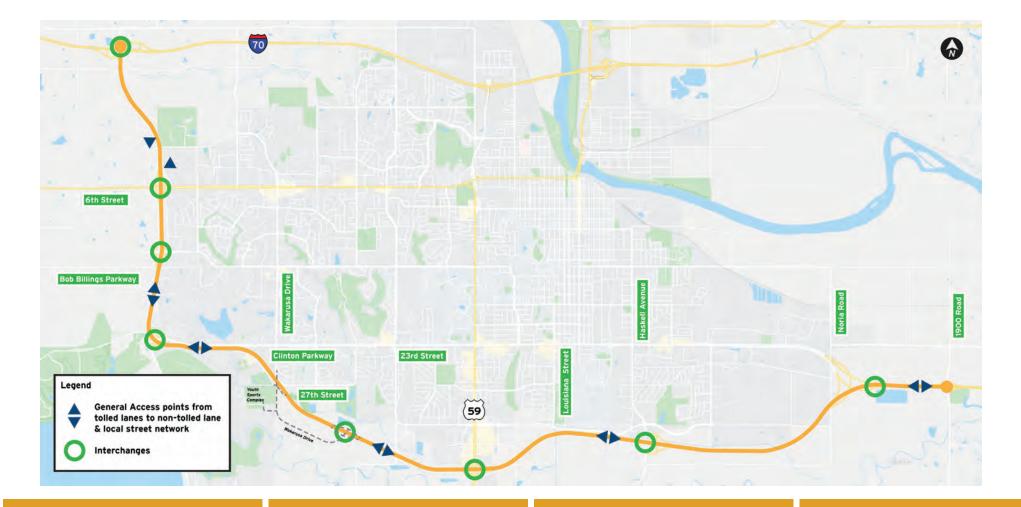


#### **SLT Express Toll Alternative – Section**





#### **SLT Express Toll Alternative**

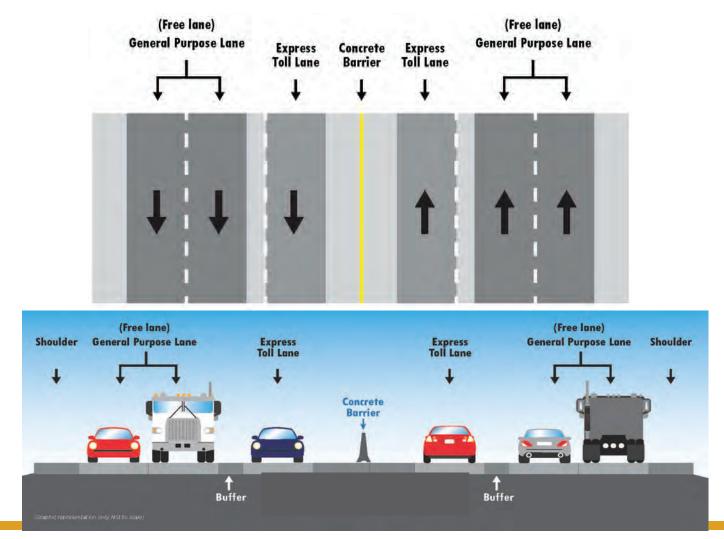




#### **SLT Toll Alternative - Access Points**





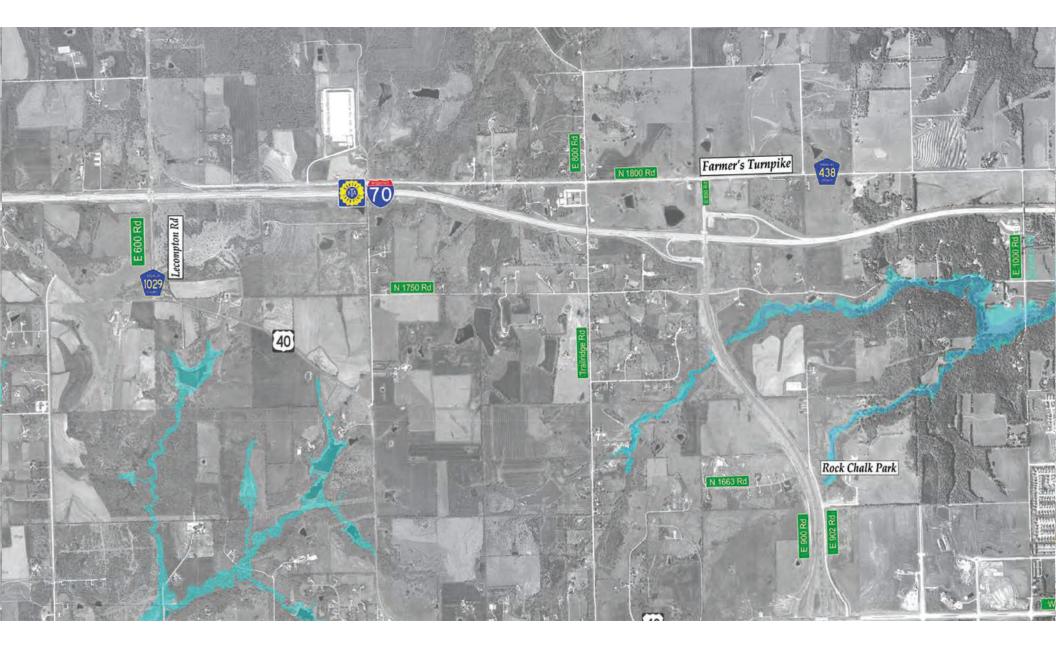


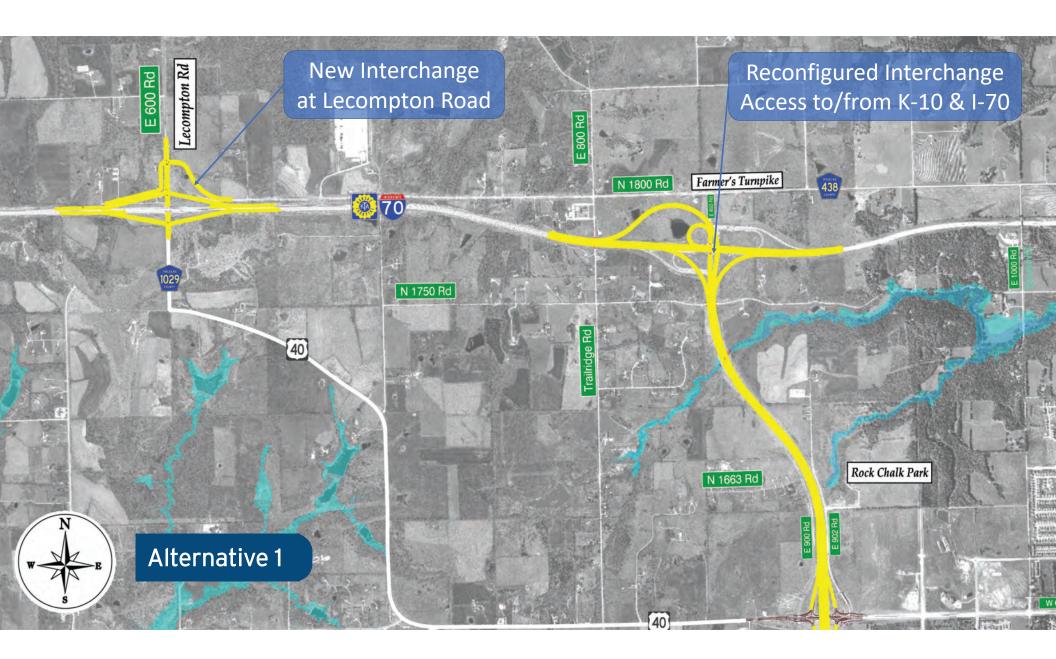


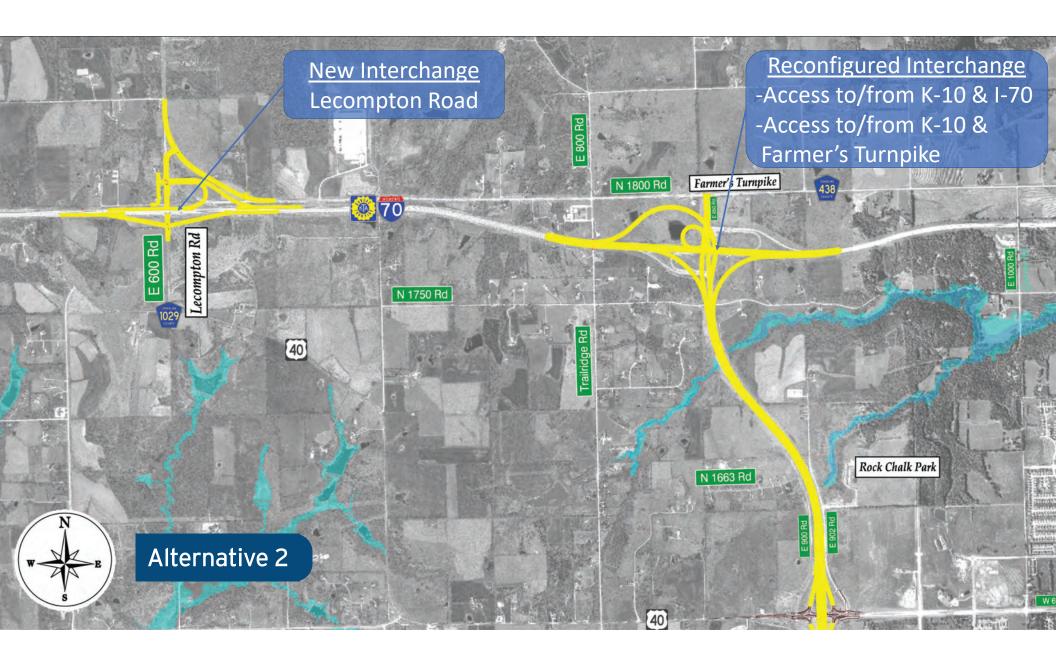
SLT Express Toll Alternative East Leg – Cross Section

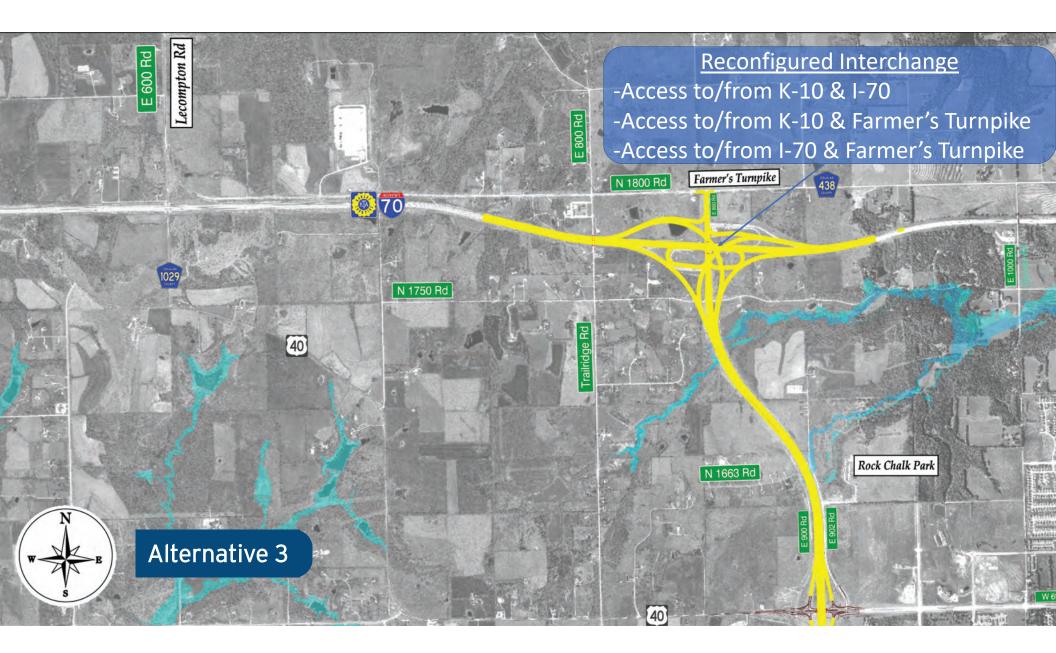
# **North End Alternatives**

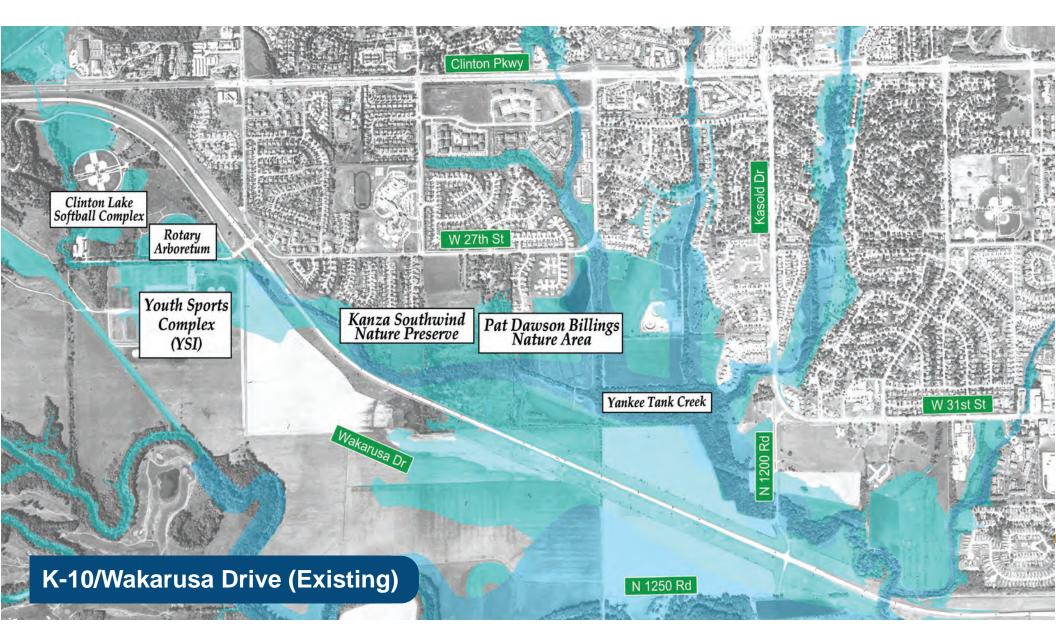


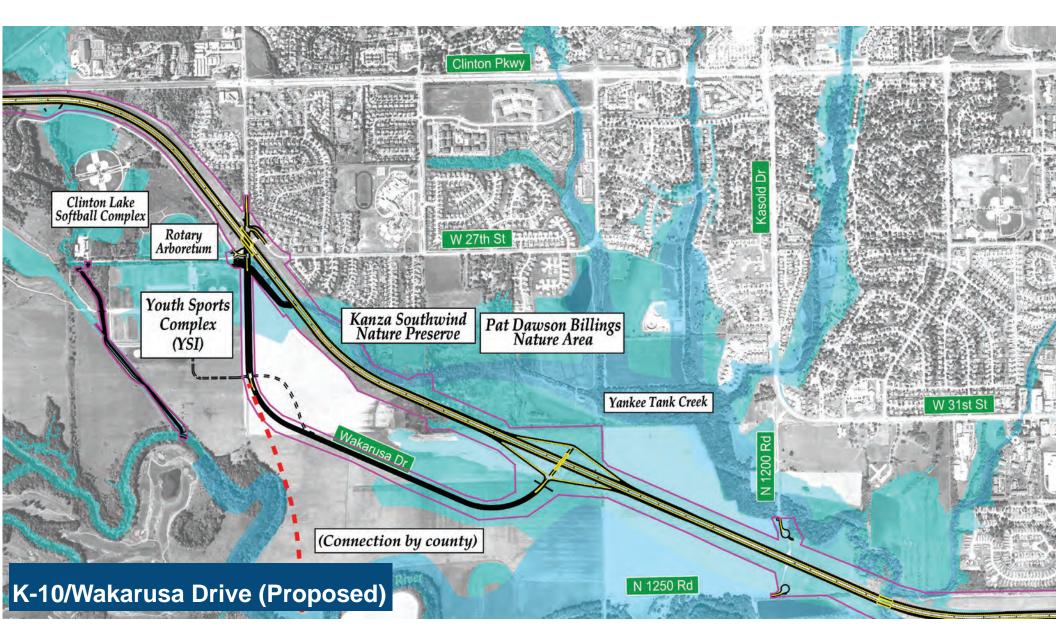












# **Focus Group Summary**

- Total of 7 focus groups
- 62 residents participated; 17 ZIP Codes represented: Lawrence, Olathe, Topeka residents
- Three major topics covered:
  - North end alternatives—overall support for Alternative 3
  - Tolled alternative—with the free lane option, tolling was better supported
  - Funding options



**Focus Group Summary** 

## **Reasonable Alternatives Evaluation Process**

•Screening criteria and methodologies •Funding considerations

•How alternatives will be evaluated and a preferred alternative identified







### **Next Steps**





#### •Presentation to groups

- Douglas County Commission—February 26
- •City of Lecompton City Council—March 2
- •City of Lawrence City Commission—March 17

•Public Meeting—TBD—looking for April/May dates

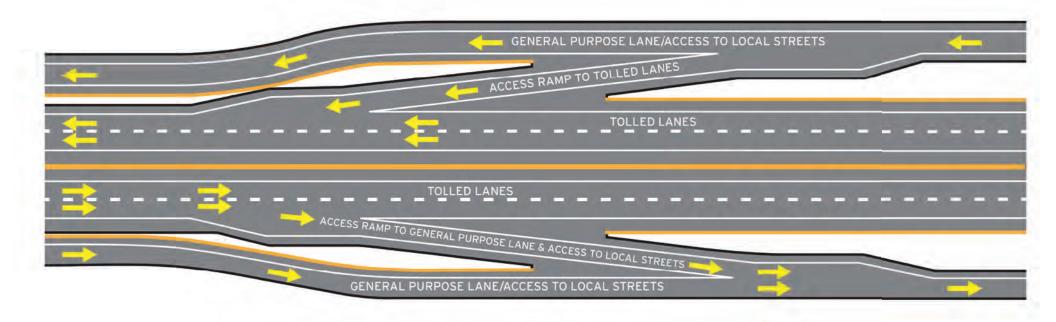
•Questions?



# Thank you!



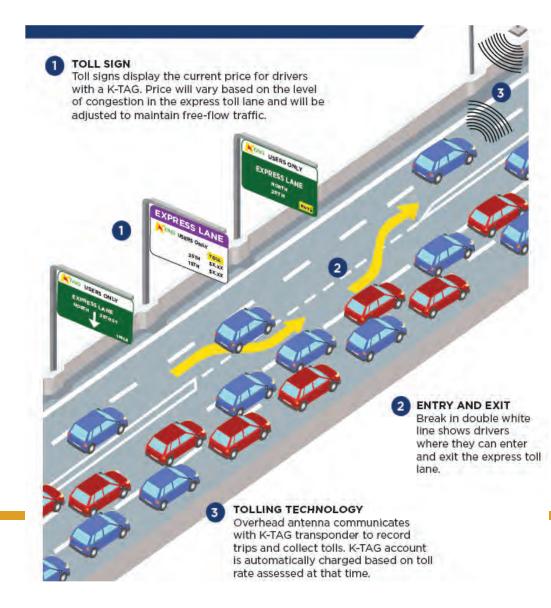






#### **SLT Tolled Alternative – Merge Lane Ramps**

### How express toll lanes work—for getting in and out





# South Lawrence Trafficway SEIS Public Officials Presentation

PROJECT #: 10-23 KA-3634-01 March 2, 2020



# **Today's Update**

- •New Tolled Alternative
- •North End Alternatives
- •Focus Groups
- •Reasonable Alternatives Evaluation Process
- •Next Steps





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Final SEIS Record of Decision: Identify the best reasonable alternative, based on purpose and need, impacts and public input. The SEIS is finalized when given federal approval, called a Record of Decision (ROD).

### **SEIS Process**

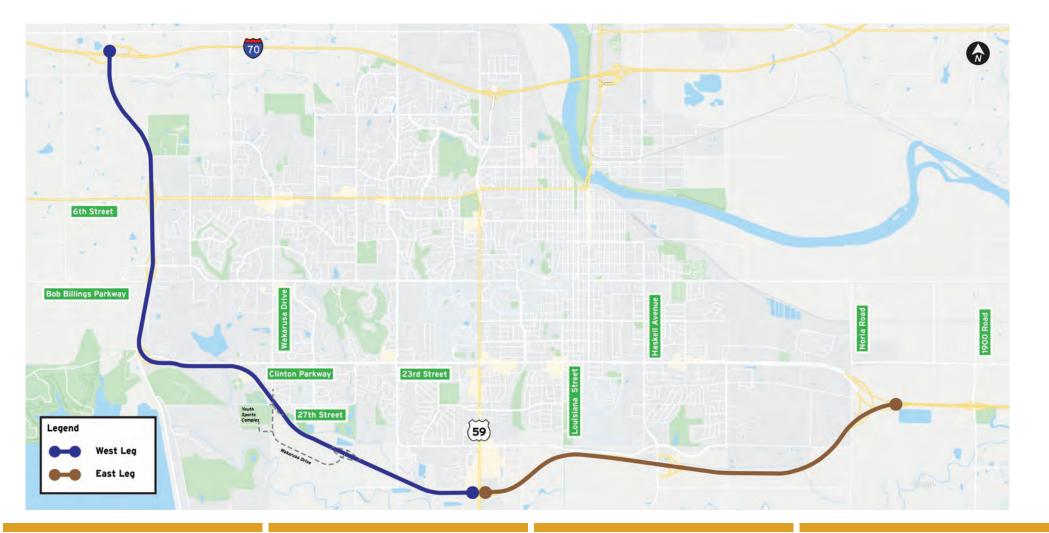


#### **Reasonable Alternatives**

- No Action
- Build Alternative Add Capacity Freeway
- Build Alternative Add Capacity Tolled Highway







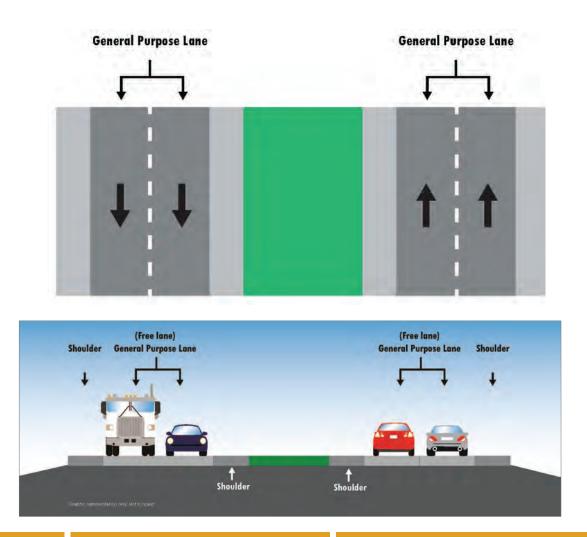


### West Leg and East Leg



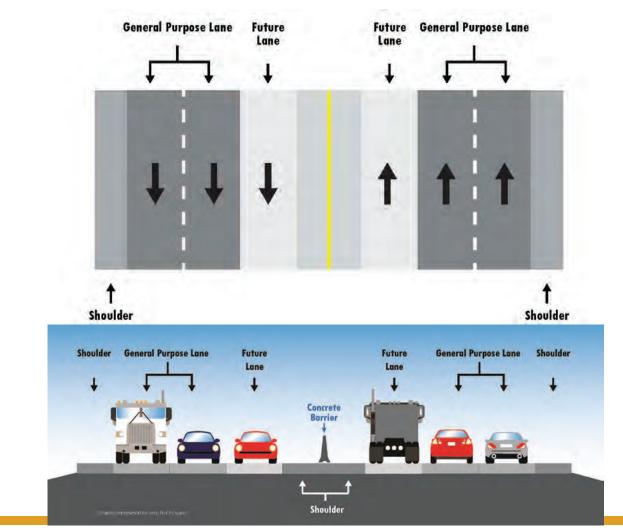
South Lawrence Trafficway

#### **Add Capacity Freeway Alternative**





**SLT Add Capacity Freeway 4-lane Cross Section** 





SLT Add Capacity Freeway 6-lane Cross Section

### Since the Last Public Meeting...

- Tolling Legislation Passed Kansas 2019 Legislative Session
  - Existing lanes cannot be tolled
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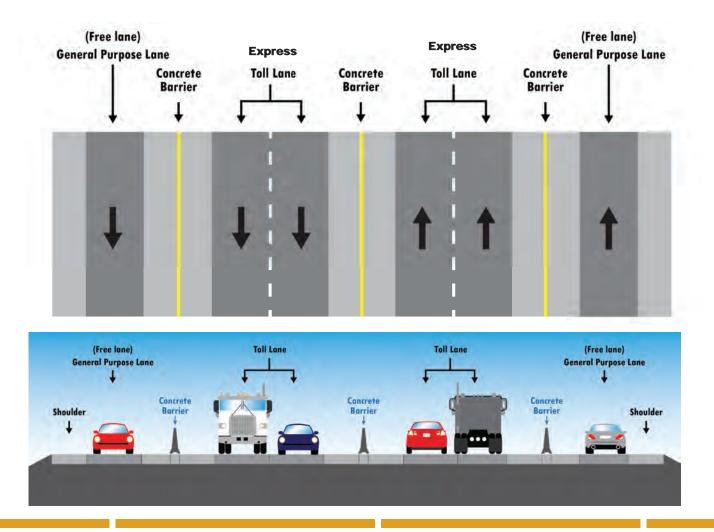


**Review of Alternatives** 

### **Range of Tolled Alternatives**

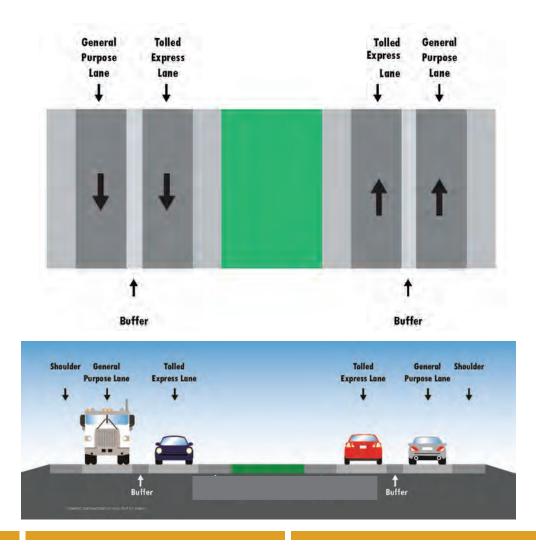
### West Leg





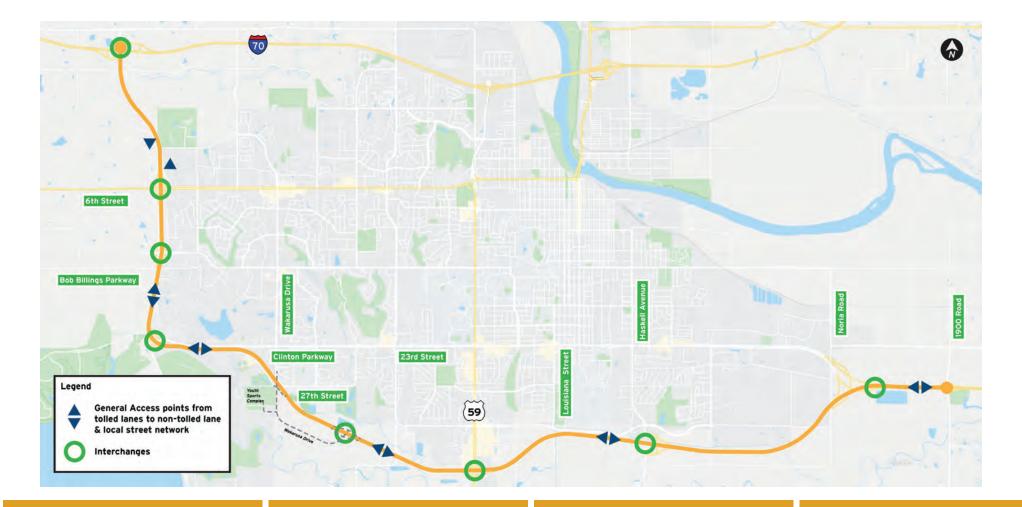


#### **SLT Express Toll Alternative – Section**





#### **SLT Express Toll Alternative**

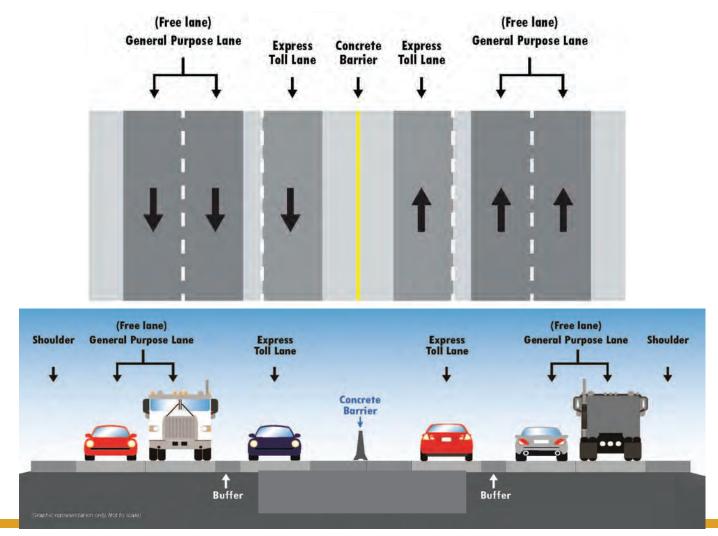




#### **SLT Toll Alternative - Access Points**







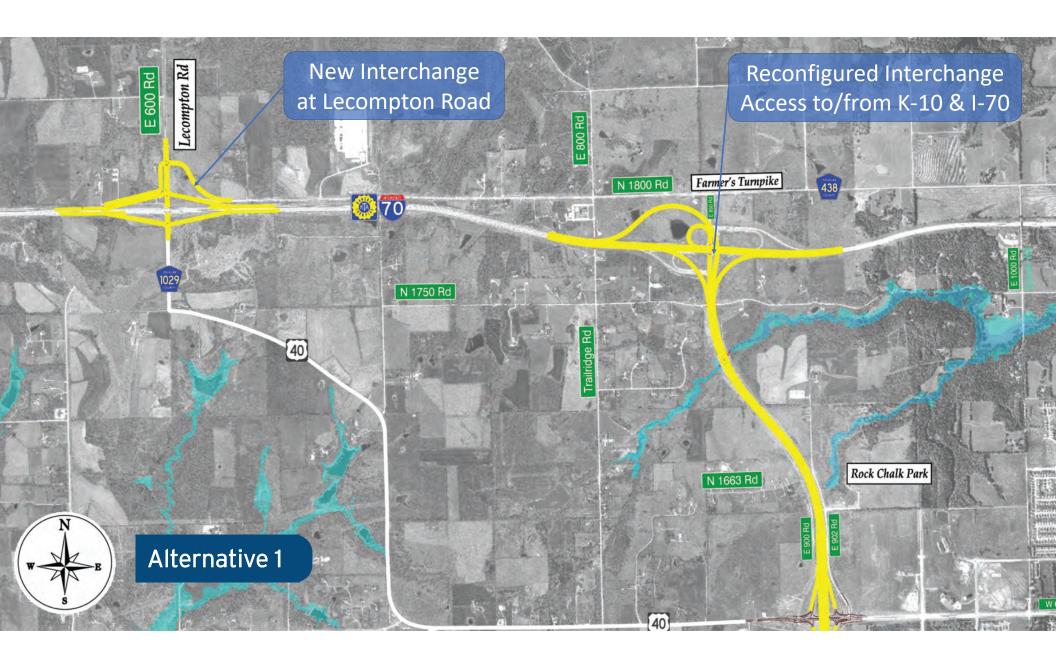


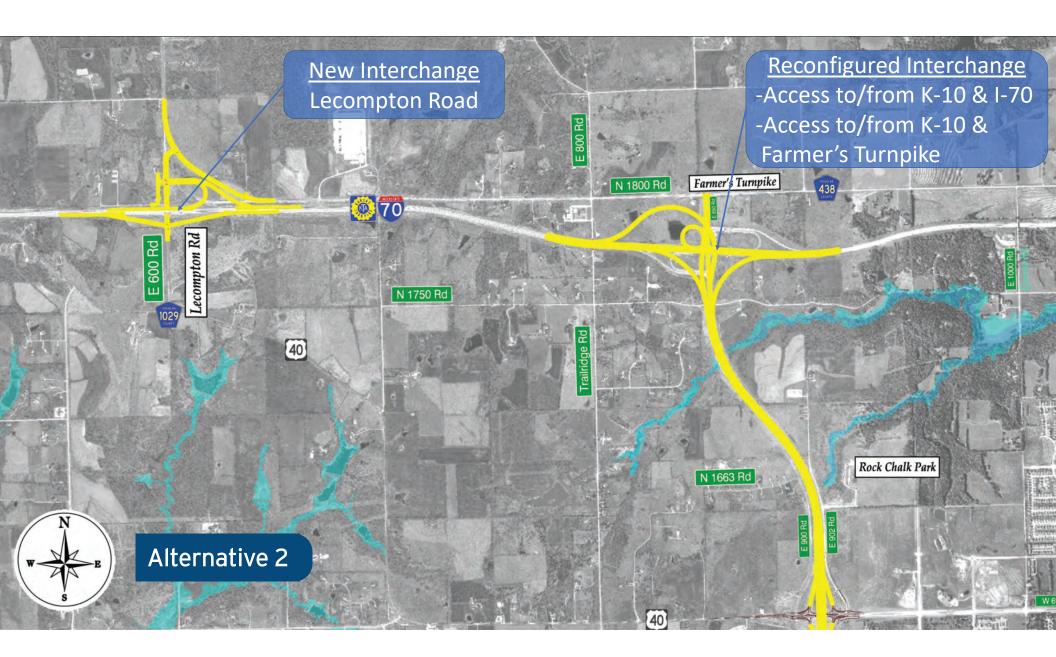
SLT Express Toll Alternative East Leg – Cross Section

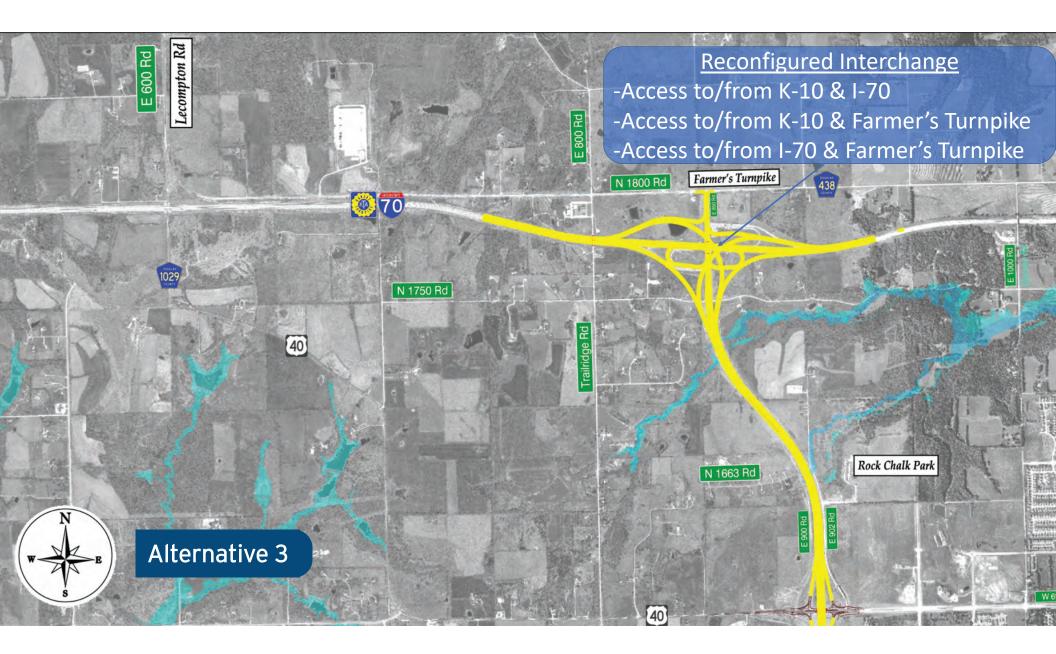
## **North End Alternatives**











# **Focus Group Summary**

- Total of 7 focus groups
- 62 residents participated; 17 ZIP Codes represented: Lawrence, Olathe, Topeka residents
- Three major topics covered:
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  - Tolled alternative—with the free lane option, tolling was better supported
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**Focus Group Summary** 

## **Reasonable Alternatives Evaluation Process**

•Screening criteria and methodologies •Funding considerations

•How alternatives will be evaluated and a preferred alternative identified

 _	_







### **Next Steps**





#### •Presentation to groups

- Douglas County Commission February 26
- •City of Lecompton City Council March 2
- •City of Lawrence City Commission March 17

#### •Public Meeting – TBD ~ April/May

•Feedback/Updates - <u>slt-ks.org</u>

•Questions?



# Thank you!



# South Lawrence Trafficway SEIS Public Officials Presentation

PROJECT #: 10-23 KA-3634-01 March 17, 2020



# **Today's Update**

- •New Tolled Alternative
- •I-70 and K-10 Alternatives (North End)
- •Focus Groups
- •Reasonable Alternatives Evaluation Process
- •Next Steps





SLT SEIS: Improvement Concept Alternatives Review and Consider new environmental impacts from 2016 Concept Study in the Study Area.



**Purpose & Need Review:** Does the purpose and need make sense and fit the project?

Public Information meeting held.

SEIS Evaluation: What are the impacts of each alternative? What is the best reasonable alternative? Reasonable Alternatives: How do the alternatives best meet the purpose and need for the project to work?

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Public Hearing and Agency Review: What do the Resource Agencies and the public think of the proposed solution or solutions? Have we missed anything?

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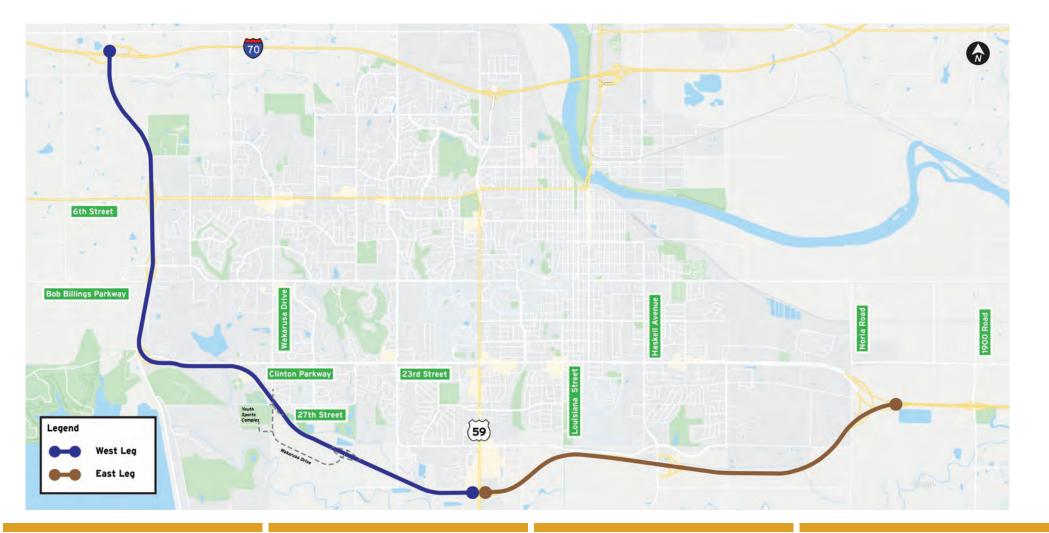


#### **Reasonable Alternatives**

- No Action
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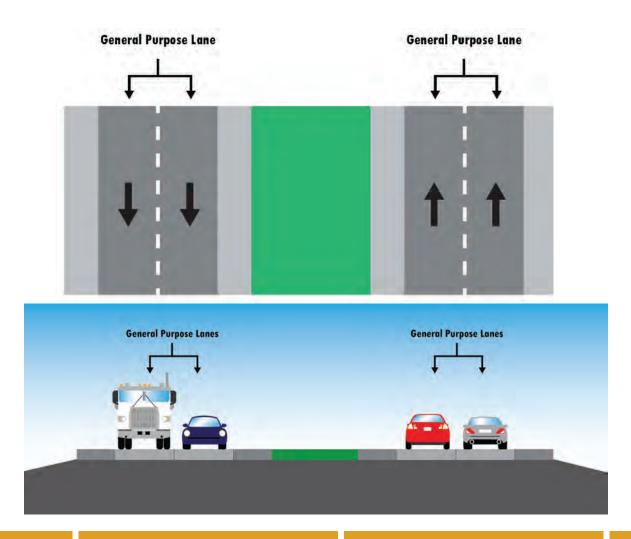


### West Leg and East Leg



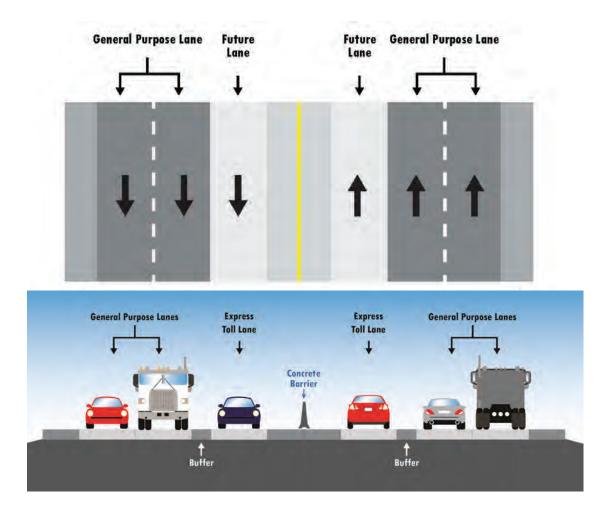
South Lawrence Trafficway

#### **Add Capacity Freeway Alternative**





SLT Add Capacity Freeway 4-lane Cross Section





SLT Add Capacity Freeway 6-lane Cross Section

## Since the Last Public Meeting...

- Tolling Legislation Passed Kansas 2019 Legislative Session
  - Existing lanes cannot be tolled
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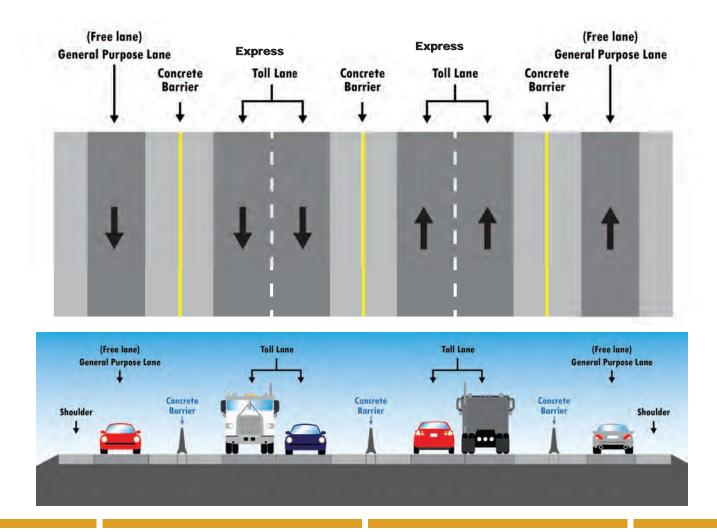


**Review of Alternatives** 

### **Range of Tolled Alternatives**

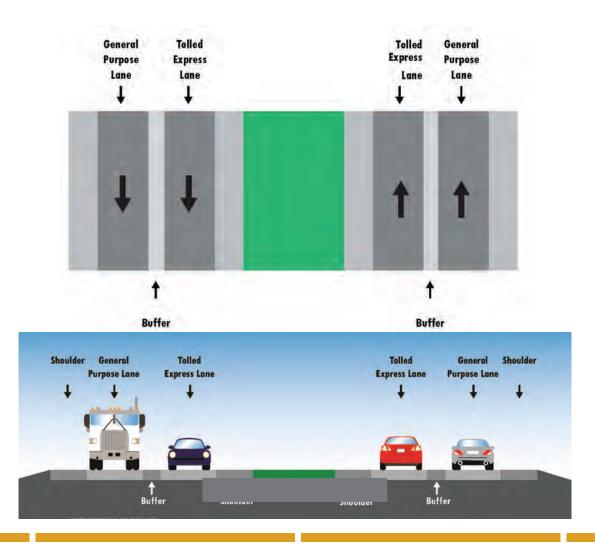
## West Leg





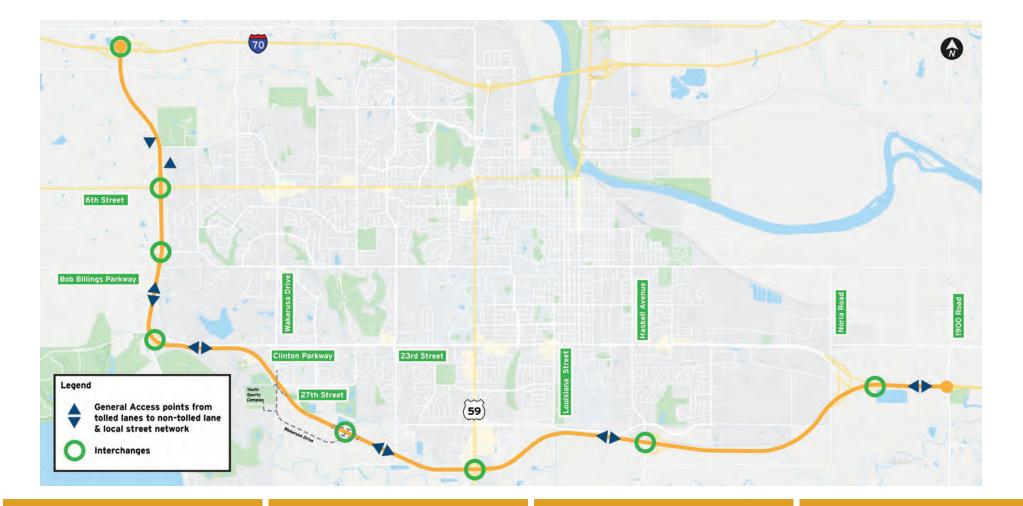


#### **SLT Express Toll Alternative – Section**





### **SLT Express Toll Alternative**

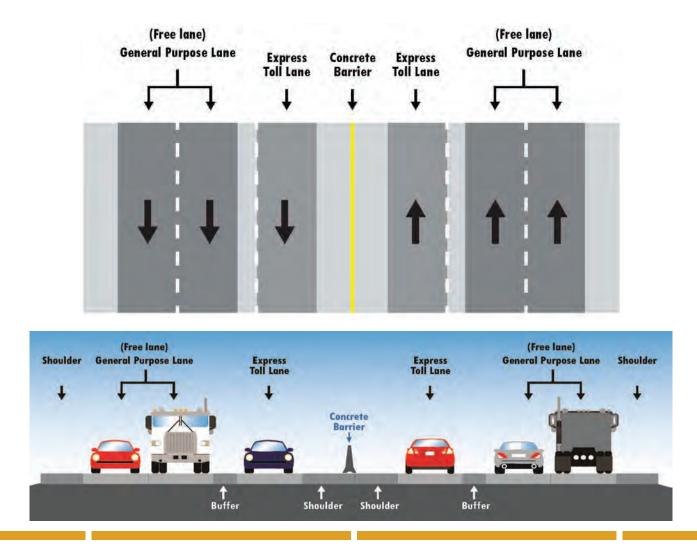




#### **SLT Toll Alternative - Access Points**





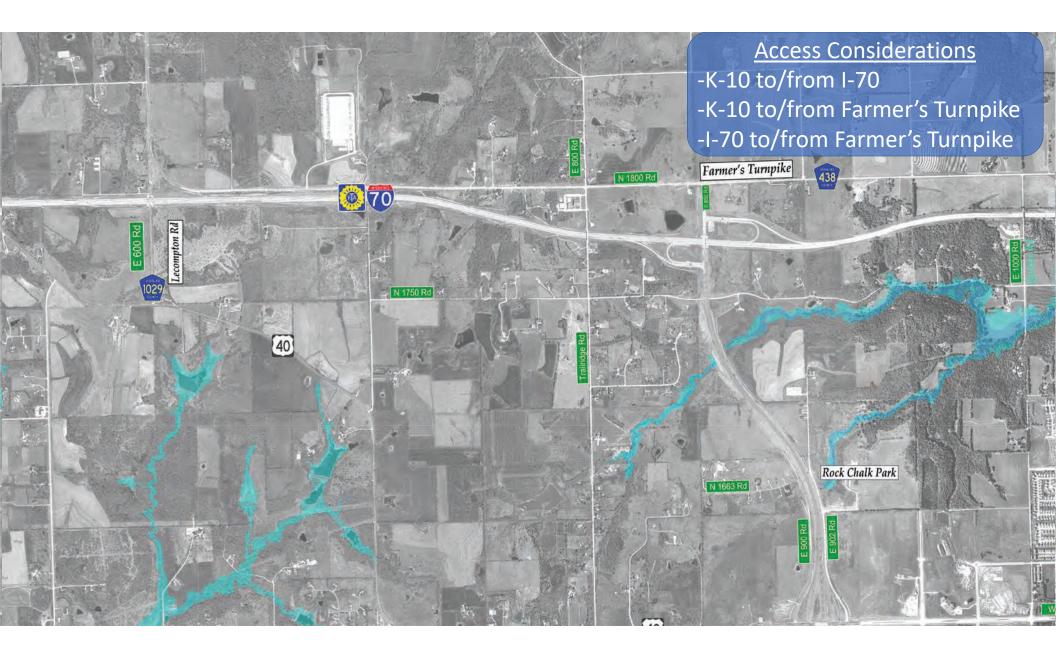


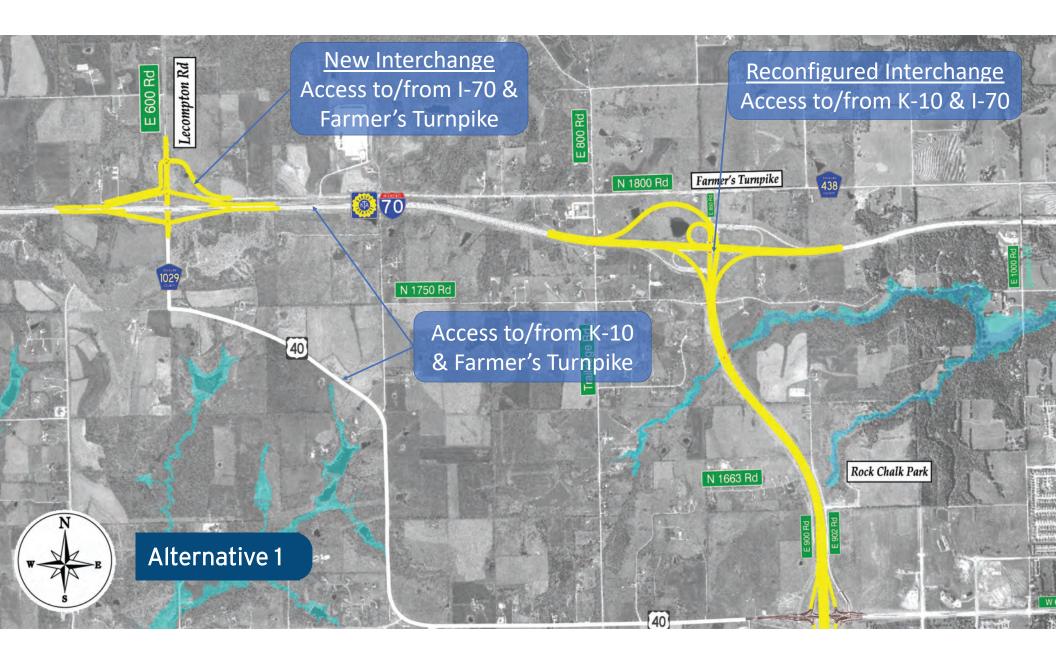


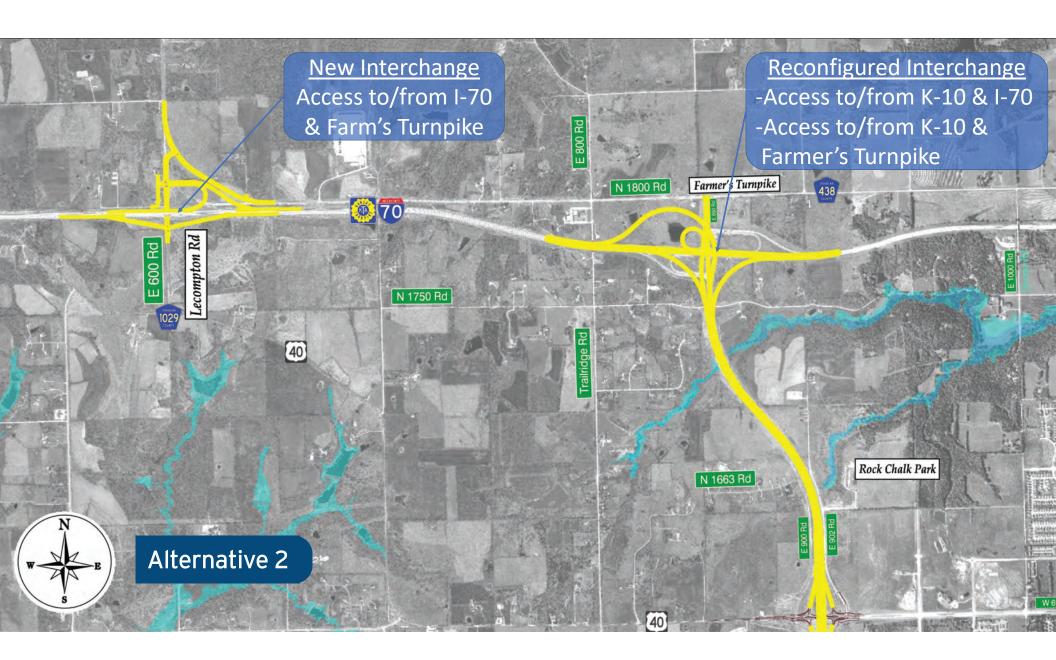
SLT Express Toll Alternative East Leg – Cross Section

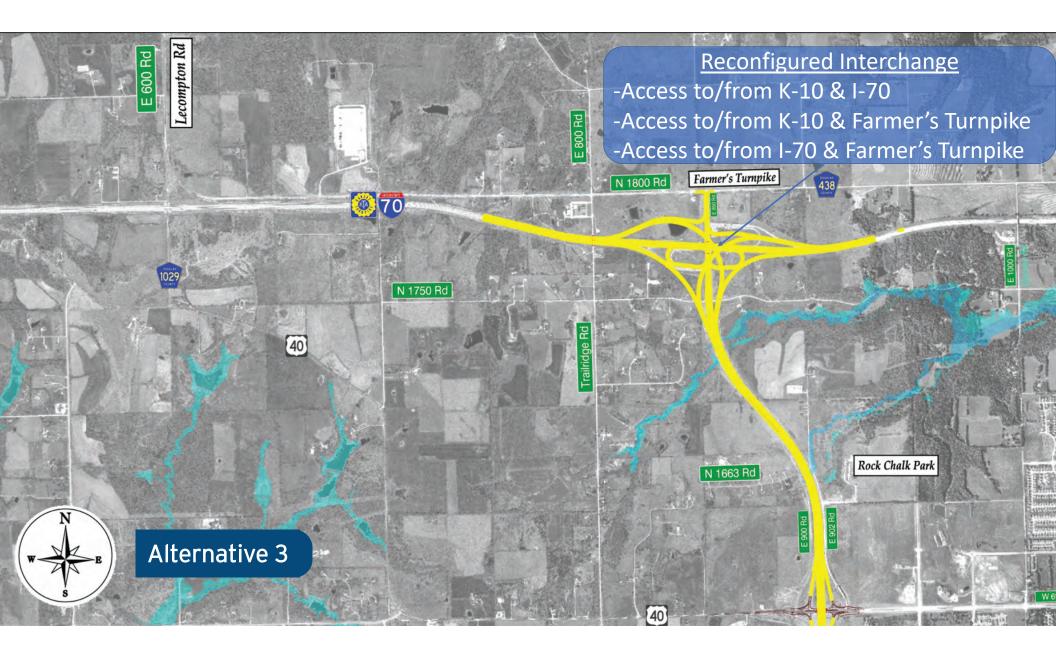
## I-70 and K-10 Alternatives

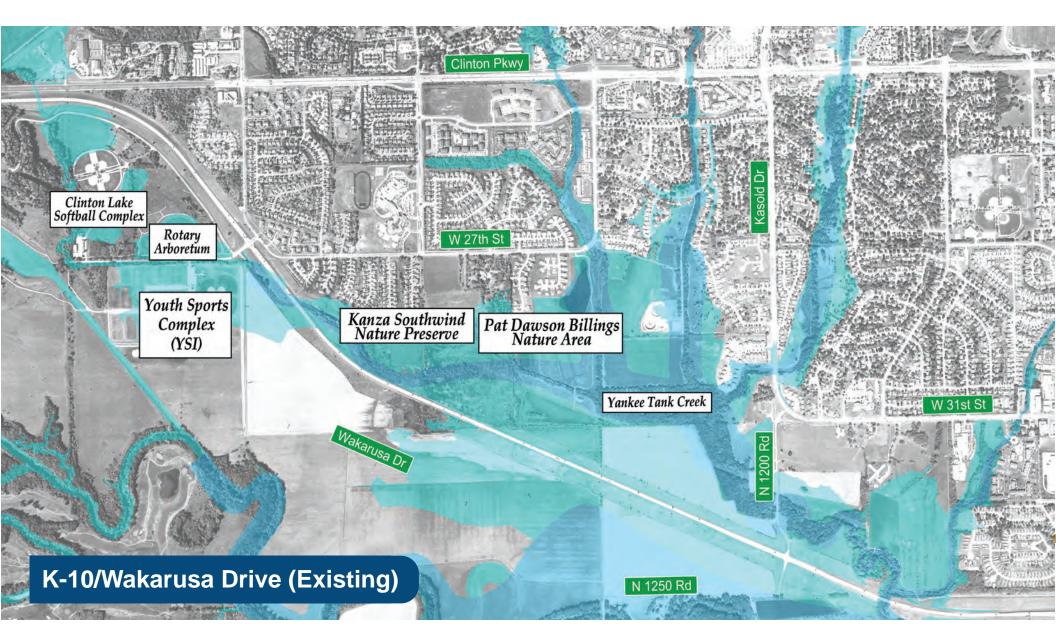


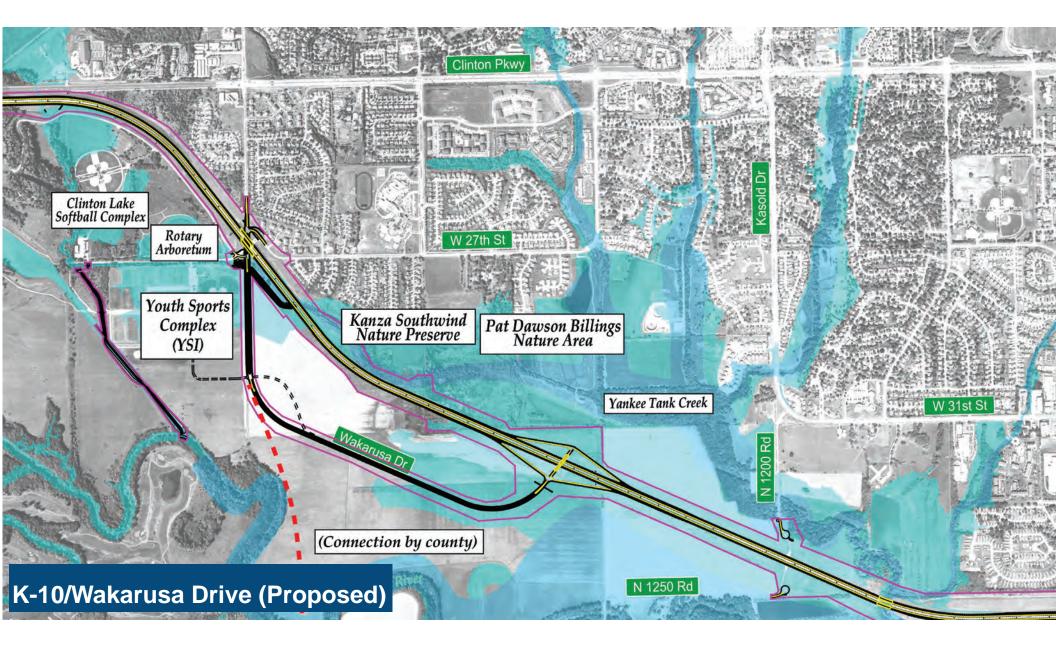












## **Reasonable Alternatives Evaluation Process**

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•How alternatives will be evaluated and a preferred alternative identified







## **Focus Group Summary**

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**Focus Group Summary** 

## **Next Steps**





#### •Presentation to groups

- Douglas County Commission February 26
- •City of Lecompton City Council March 2
- •City of Lawrence City Commission March 17

#### •Public Meeting – TBD ~ April/May

•Feedback/Updates - <u>slt-ks.org</u>

•Questions?



## Thank you!



# South Lawrence Trafficway SEIS Lawrence Chamber of Commerce

PROJECT #: 10-23 KA-3634-01 October 14, 2020

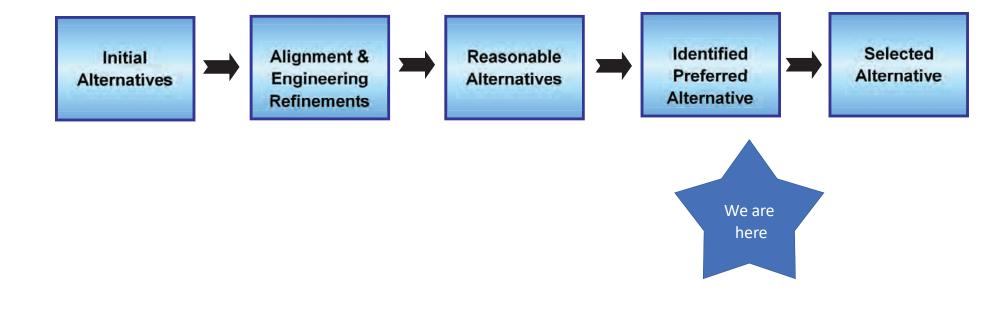


All information presented in this presentation is in draft form and should not be construed as final in anyway. It is for discussion purposes only

## Welcome Agenda

- Welcome and Introductions
- Reasonable alternatives screening process
  - Feedback on screening
- Interim safety improvements
- Public feedback on communications
- Next steps







**Evaluation process** 

### K-10 and I-70 Interchange Screening

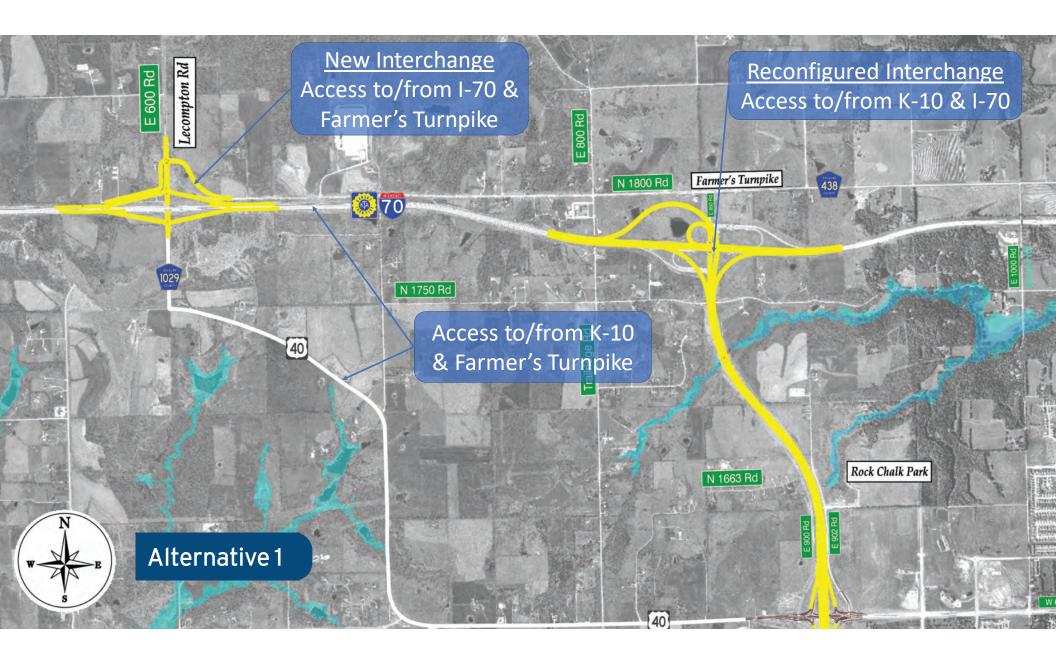


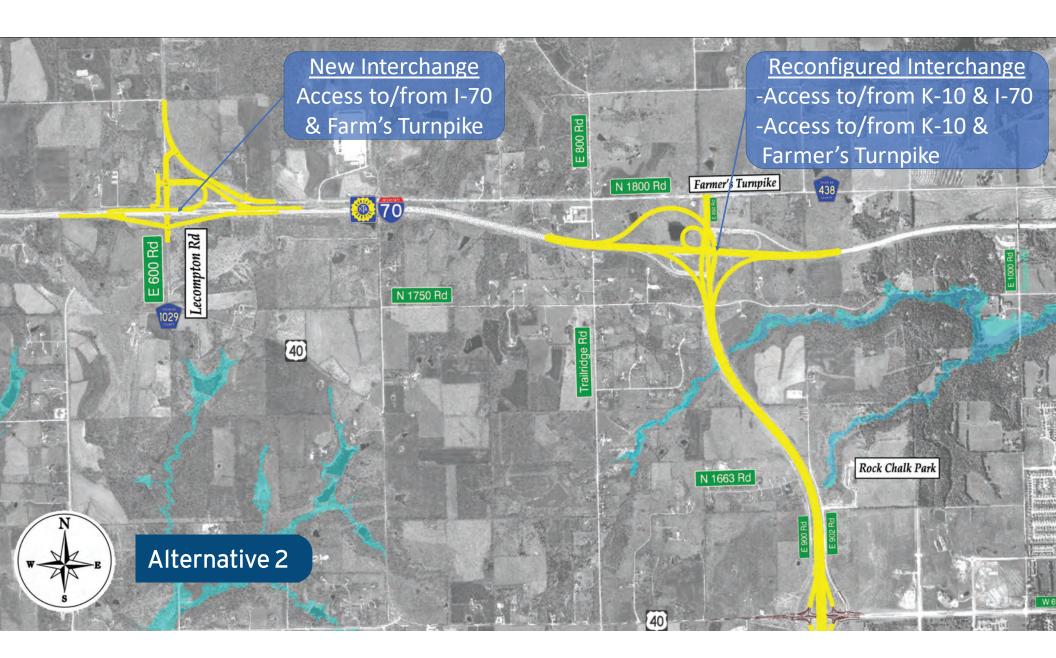
## K-10 & I-70 Interchange Alternatives

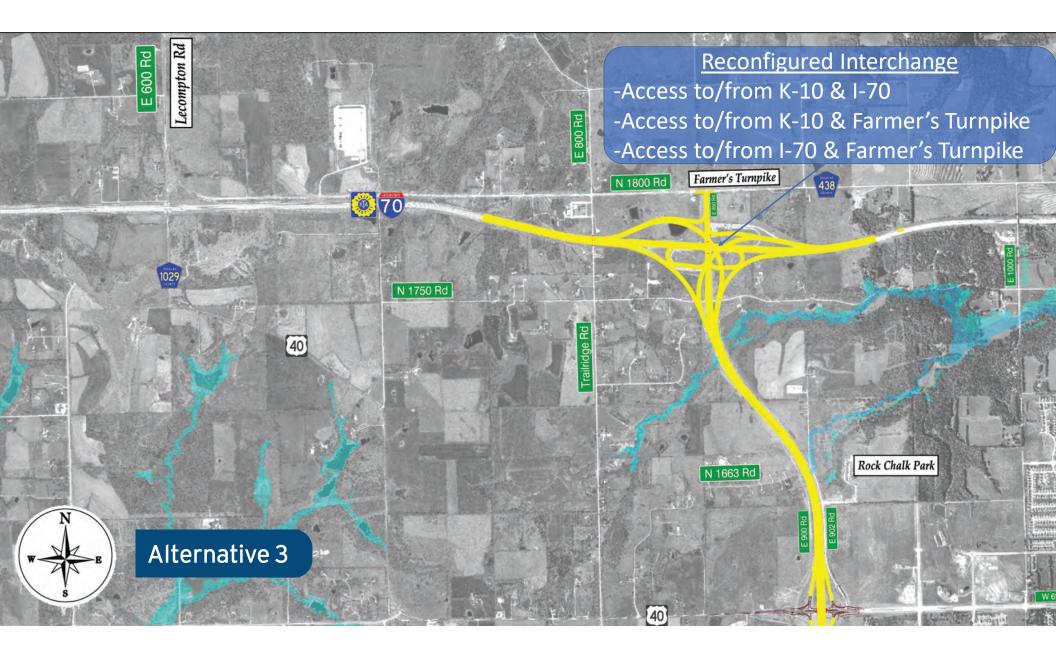
- •Alternative 1 (2 interchanges with NO access to Farmer's Turnpike from SLT)
- Alternative 2 (2 interchanges WITH access to Farmer's Turnpike from SLT)
- Alternative 3 (single but large interchange)



K-10 & I-70 Screening







## K-10 & I-70 Interchange Screening

- Traffic Operations Similar
- Alternative 3 Identified Preferred Alternative
  - Preferred access pattern of public
  - Avoids environmental red flags
  - Smallest right-of-way impact
  - Best anticipated safety performance
  - Highest cost alternative



K-10 & I-70 Screening

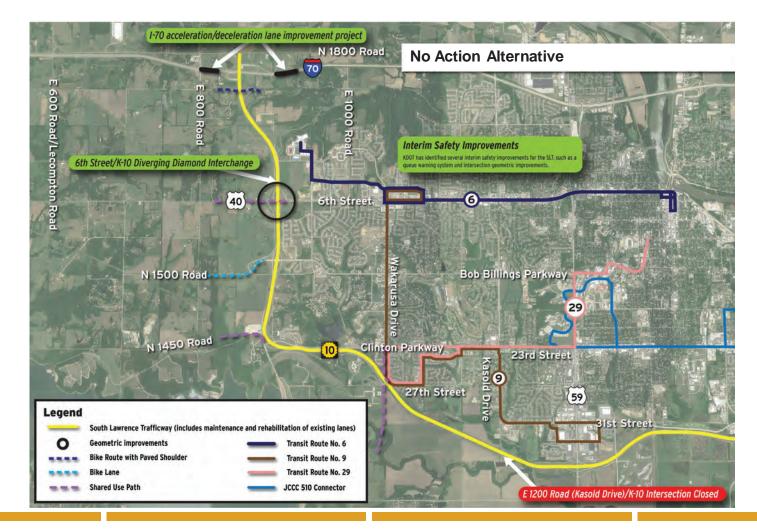
### **Reasonable Alternative Screening**



### **Reasonable Alternatives**

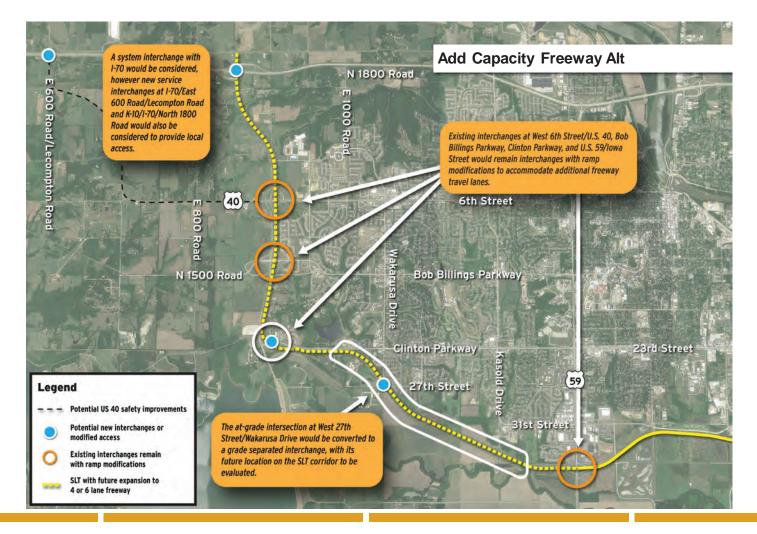
- No Action
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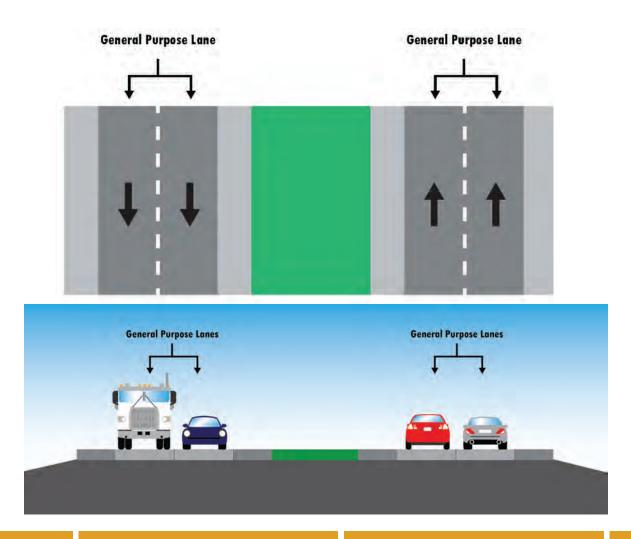


### **No Action Alternative**





### **Add Capacity Freeway Alternative**

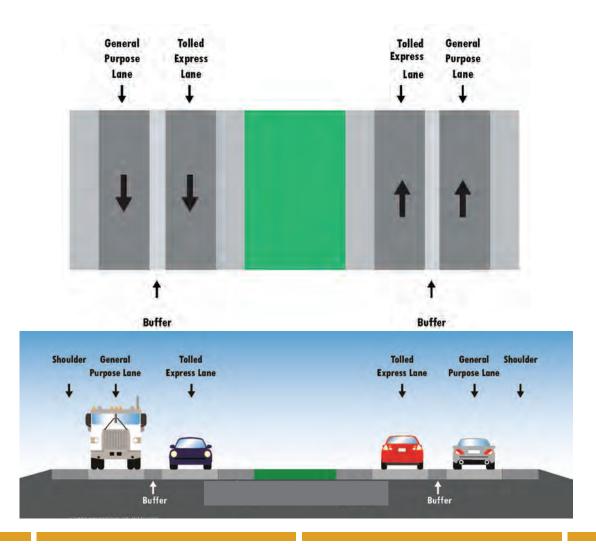




SLT Add Capacity Freeway 4-Iane Cross Section









## **Identified Preferred Alternative**

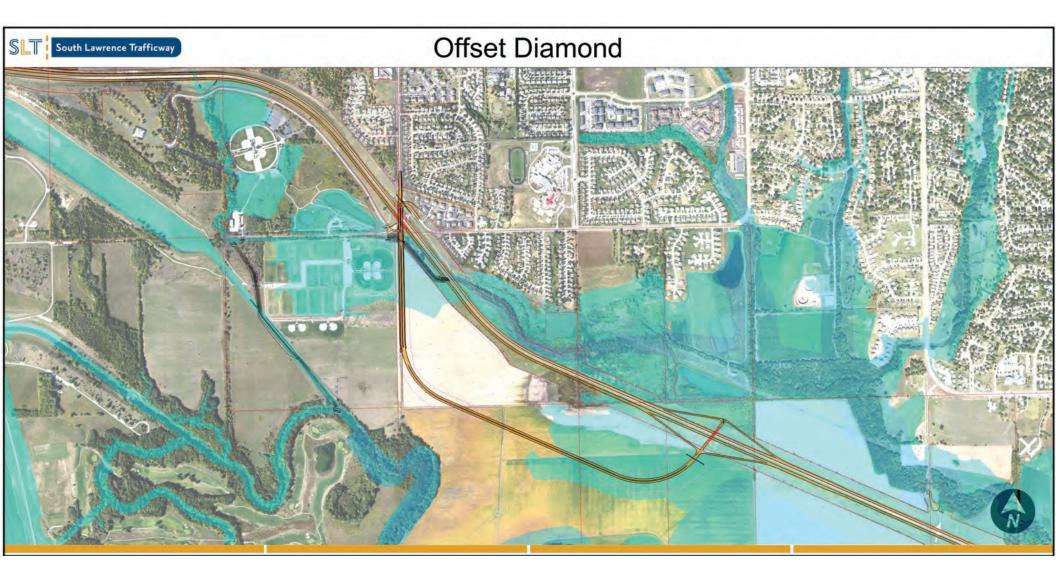
- Similar Traffic Operations
- Similar Environmental and R/W Impacts
- Non-Tolled Freeway Identified Preferred Alternative
  - Low predicted utilization of Express Toll Lanes
  - Public feedback
  - Lower cost

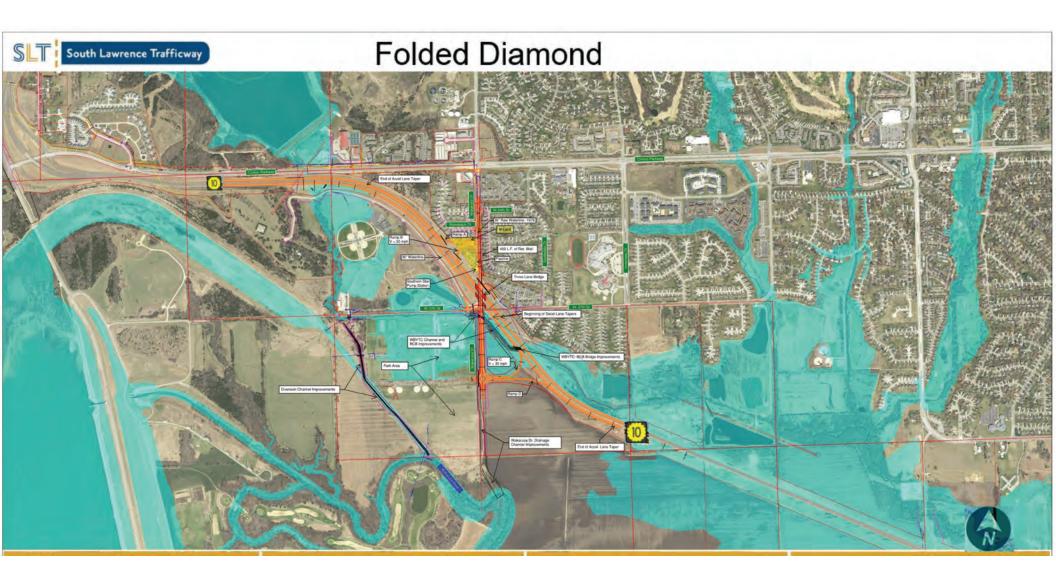


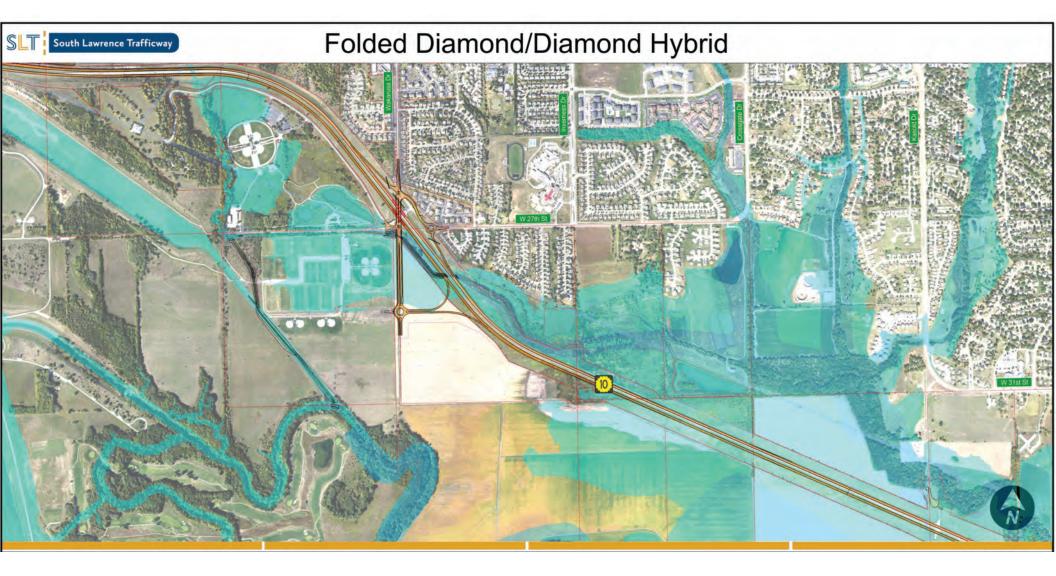
**Reasonable Alternative Screening** 

### Wakarusa Interchange Alternatives









## Interim Safety Improvement Projects



## **Interim Safety Improvements**

- K-10/I-70 Interchange--Completed
  - Light Pole for K-10/Farmer's Turnpike
  - Pavement Markings and Rumble Strips
- K-10/27<sup>th</sup> Street/Wakarusa
  - Advanced Signal Warning System
  - Interim Intersection Improvements Study
  - Queue Backup Warning System
- SLT Corridor (I-70 to East 23<sup>rd</sup> Street Interchange)
  - Three (3) Dynamic Message Signs









#### Proposed Improvements-K-10 and 27<sup>th</sup> Street

#### **Virtual Public Meeting**

- May 14 to June 4, 2020 (extended one week)
  - Email notices
  - Advisory Group dissemination
  - Lawrence Journal World articles
  - City Council/Commission meetings
- Link to meeting posted on <u>www.slt-ks.org</u>
- 202 participants signed in
- 115 comments received



SLT South Lawrence Trafficway

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## Virtual Public Information Open House



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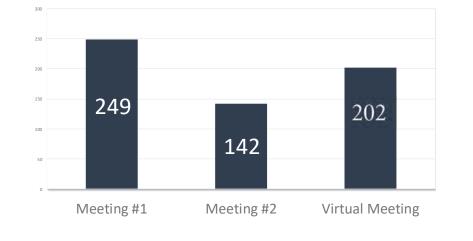
South Lawrence Trafficway

### Virtual vs. Face-to-Face - By the numbers

would attend another virtual public meeting

93%

#### SLT Public Meeting Attendance





Number of comments received

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per public meeting

## **Next Steps**





#### •Presentation to groups

- Douglas County Commission
- •City of Lecompton City Council
- •City of Lawrence City Commission
- •Public Hearing—fall—December timeframe
- Document review opportunities
  - •Website
  - Libraries
  - •City offices
- •Questions?



## **Questions?**



### Thank you!



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# South Lawrence Trafficway SEIS Lawrence City Commission Update

PROJECT #: 10-23 KA-3634-01 November 10, 2020

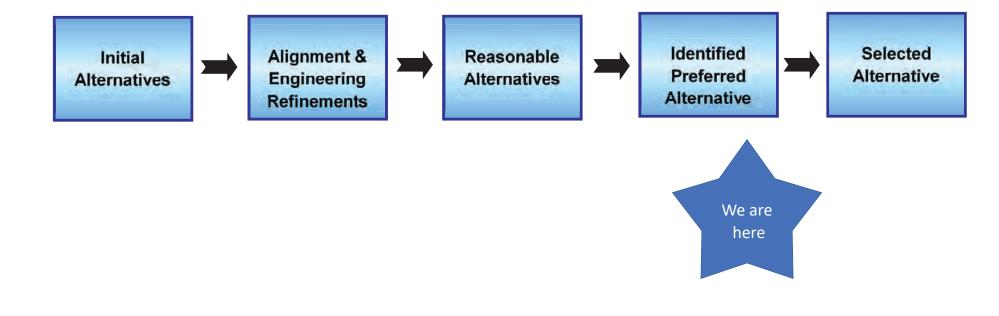


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## Welcome Agenda

- Welcome and Introductions
- Reasonable alternatives screening process
- Wakarusa Interchange Alternative
- Summary of recent public engagement
- Next steps for Public Hearing







**Evaluation process** 



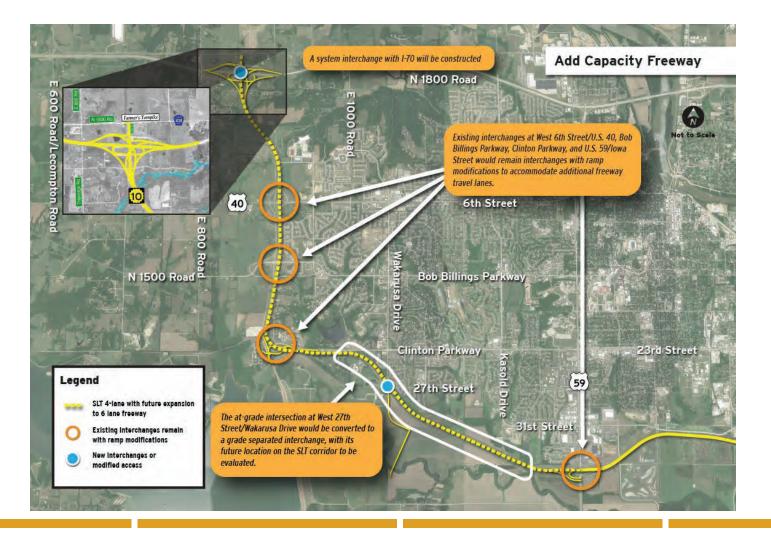


## K-10 & I-70 Interchange Screening

- Traffic Operations Similar
- Alternative 3 Identified Preferred Alternative
  - Preferred access pattern of public
  - Avoids environmental red flags
  - Smallest right-of-way impact
  - Best anticipated safety performance
  - Highest cost alternative

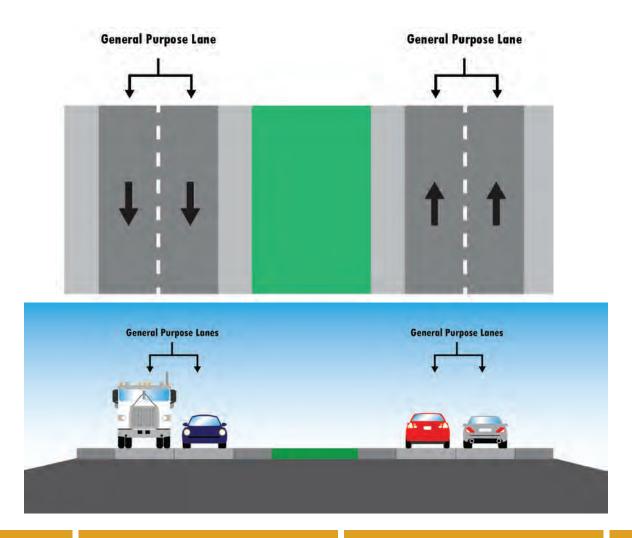


K-10 & I-70 Screening





### **Add Capacity Freeway Alternative**





**SLT Add Capacity Freeway 4-lane Cross Section** 

## **Identified Preferred Alternative**

- Similar Traffic Operations
- Similar Environmental and R/W Impacts
- Non-Tolled Freeway Identified Preferred Alternative
  - Low predicted utilization of Express Toll Lanes
  - Public feedback
  - Lower cost

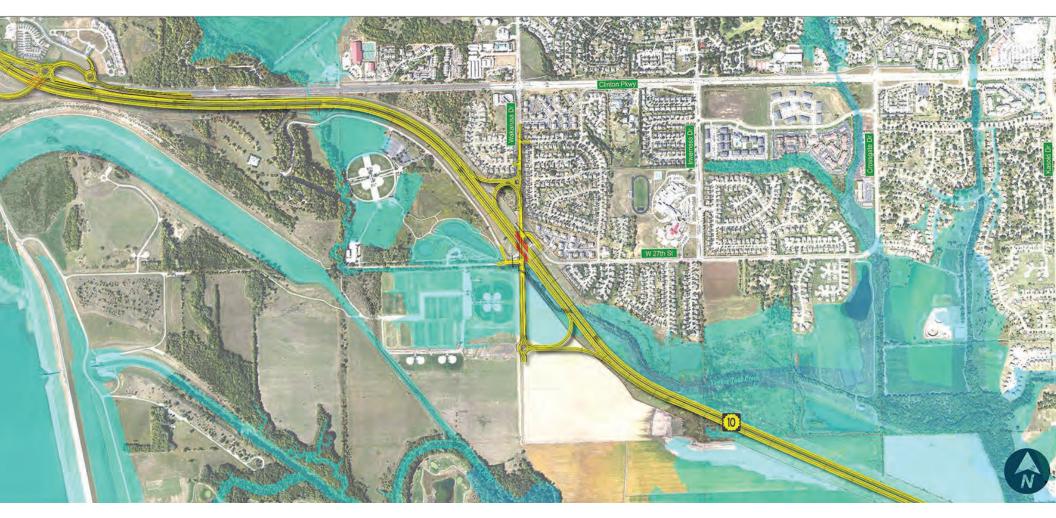


**Reasonable Alternative Screening** 

### Wakarusa Interchange Alternatives



## **Folded Diamond**



### Interim Safety Improvement Projects















## **Interim Safety Improvements**

 K-10/27<sup>th</sup> Street/ Wakarusa







#### **Virtual Public Meeting**

- May 14 to June 4, 2020 (extended one week)
  - Email notices
  - Advisory Group dissemination
  - Lawrence Journal World articles
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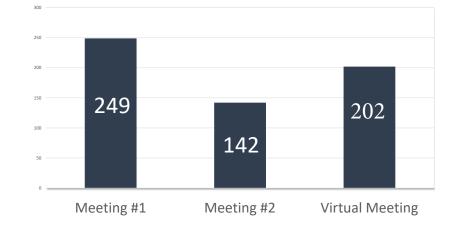
South Lawrence Trafficway

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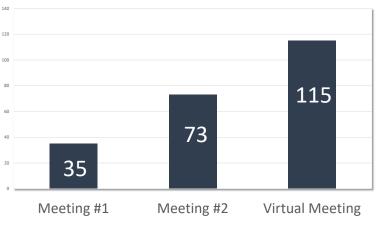
93%

#### SLT Public Meeting Attendance





Number of comments received



per public meeting

## **Next Steps**





- •Presentation to groups
  - •City of Lawrence City Commission—Nov 10
  - •City of Lecompton City Council—Nov 16
  - •Douglas County Commission—Nov 18
- •Public Hearing—December/January timeframe—virtual and in person options
- Document review opportunities
  - •Website
  - Libraries
  - •City offices



## **Questions?**



### Thank you!



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# South Lawrence Trafficway SEIS Lecompton City Council Update

PROJECT #: 10-23 KA-3634-01 November 16, 2020



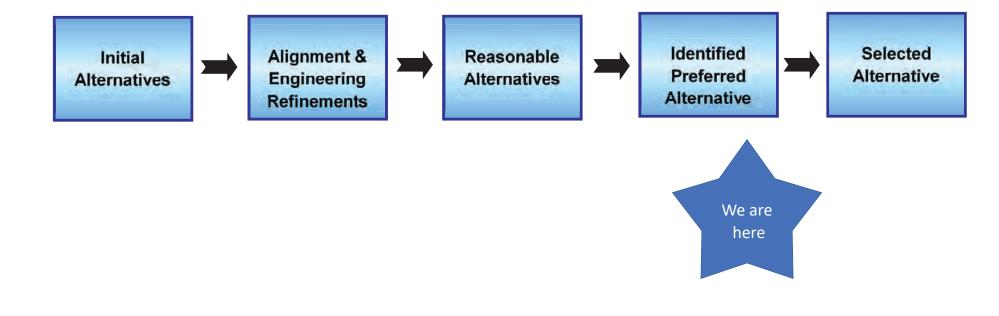


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- Next steps for Public Hearing







**Evaluation process** 



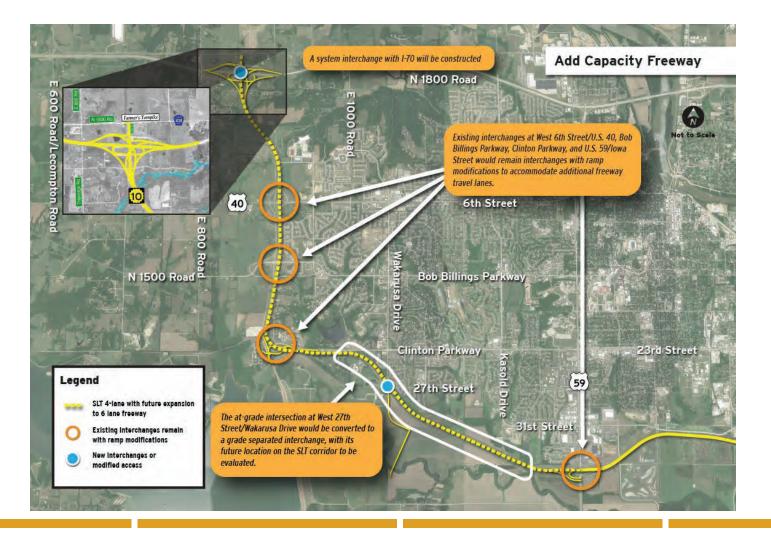


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- Alternative 3 Identified Preferred Alternative
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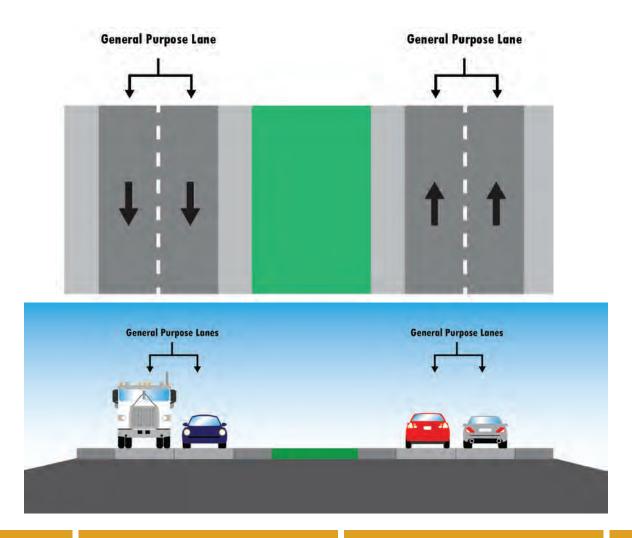


K-10 & I-70 Screening





#### **Add Capacity Freeway Alternative**





**SLT Add Capacity Freeway 4-lane Cross Section** 

## **Identified Preferred Alternative**

- Similar Traffic Operations
- Similar Environmental and R/W Impacts
- Non-Tolled Freeway Identified Preferred Alternative
  - Low predicted utilization of Express Toll Lanes
  - Public feedback
  - Lower cost

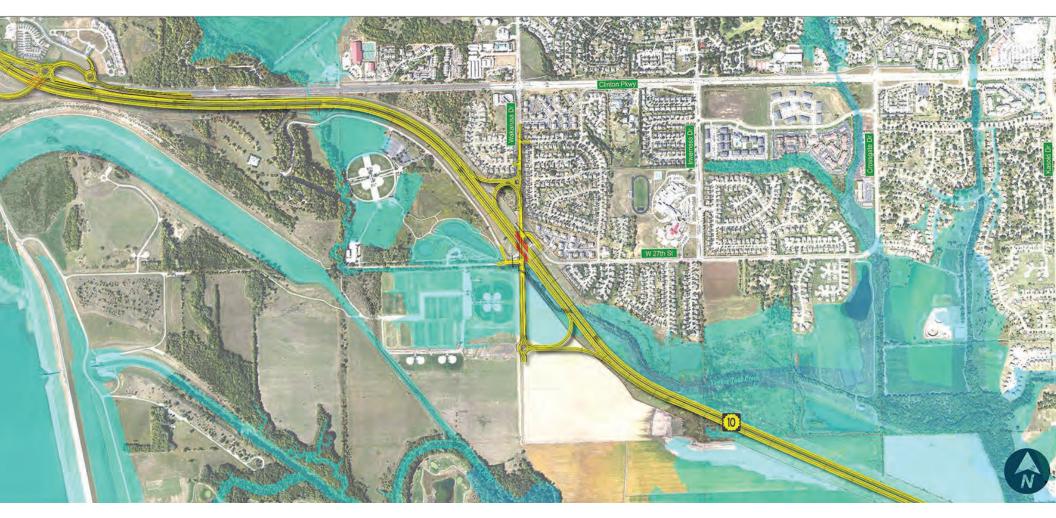


**Reasonable Alternative Screening** 

### Wakarusa Interchange Alternatives



## **Folded Diamond**



### Interim Safety Improvement Projects















### **Interim Safety Improvements**

 K-10/27<sup>th</sup> Street/ Wakarusa







#### **Virtual Public Meeting**

- May 14 to June 4, 2020 (extended one week)
  - Email notices
  - Advisory Group dissemination
  - Lawrence Journal World articles
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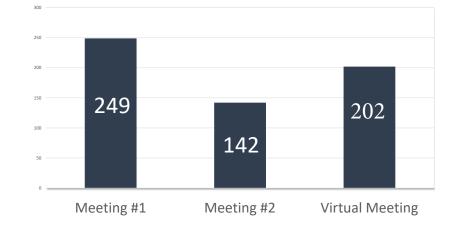
South Lawrence Trafficway

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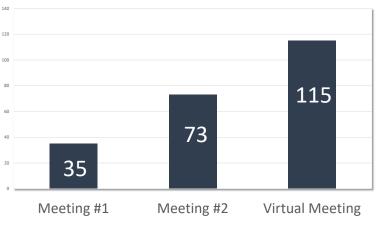
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#### SLT Public Meeting Attendance





Number of comments received



per public meeting

## **Next Steps**





- •Presentation to groups
  - •City of Lawrence City Commission—Nov 10
  - •City of Lecompton City Council—Nov 16
  - •Douglas County Commission—Nov 18
- •Public Hearing—December/January timeframe—virtual and in person options
- Document review opportunities
  - •Website
  - Libraries
  - •City offices



## **Questions?**



### Thank you!





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# South Lawrence Trafficway SEIS Douglas County Commission Update

PROJECT #: 10-23 KA-3634-01 November 18, 2020



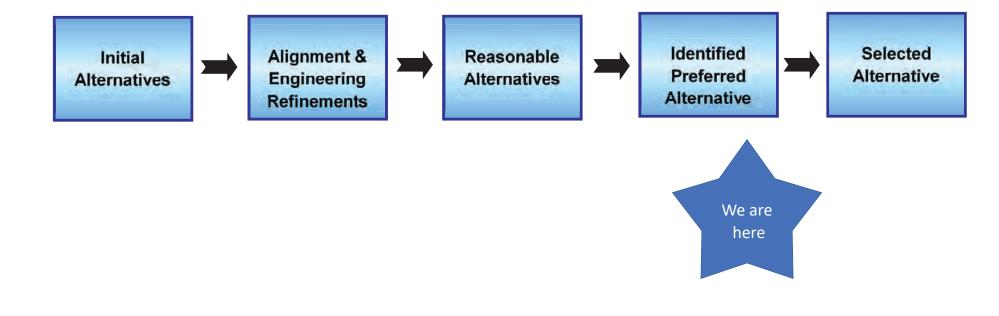
South Lawrence Trafficway

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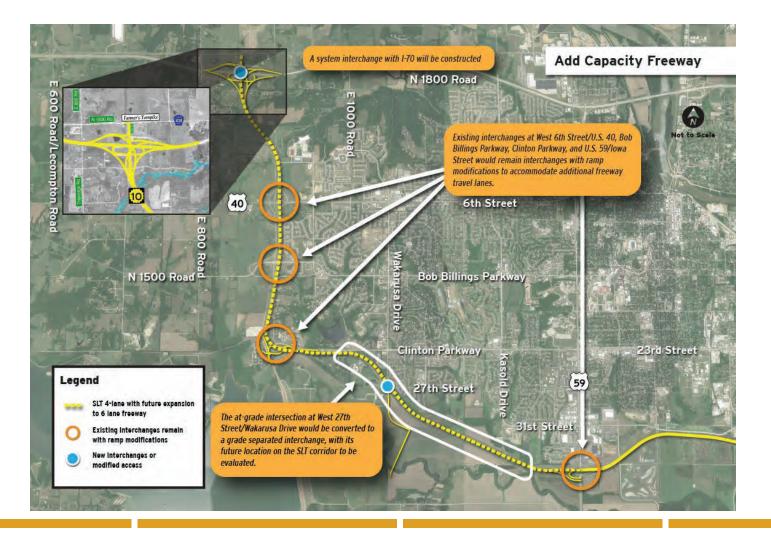


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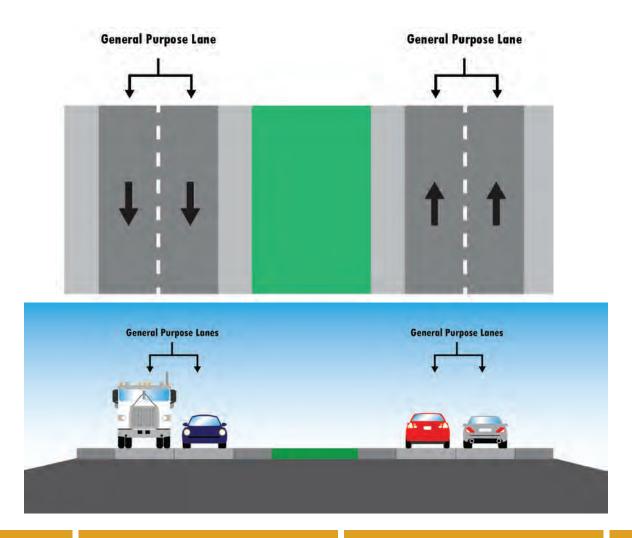


K-10 & I-70 Screening





#### **Add Capacity Freeway Alternative**





**SLT Add Capacity Freeway 4-lane Cross Section** 

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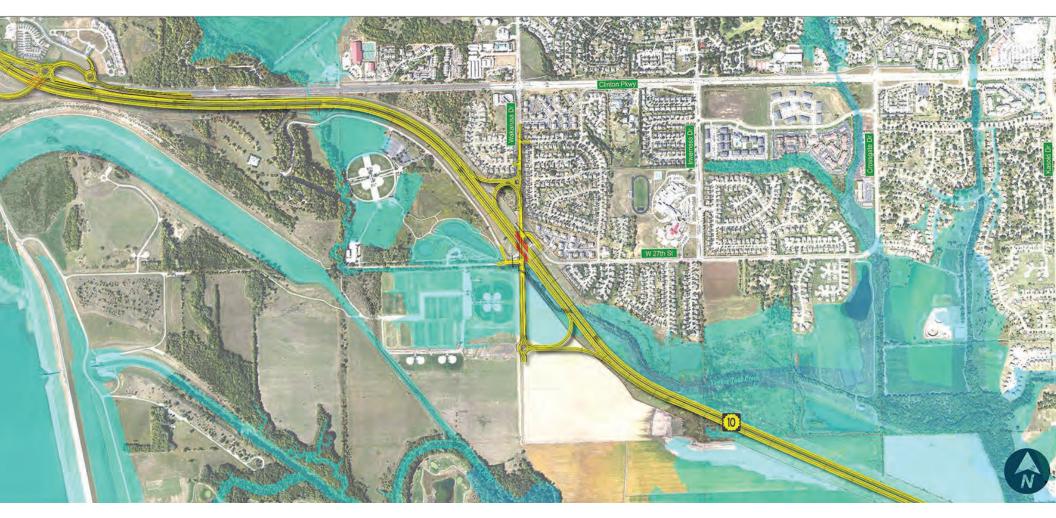


**Reasonable Alternative Screening** 

### Wakarusa Interchange Alternatives



## **Folded Diamond**



### Interim Safety Improvement Projects















### **Interim Safety Improvements**

 K-10/27<sup>th</sup> Street/ Wakarusa







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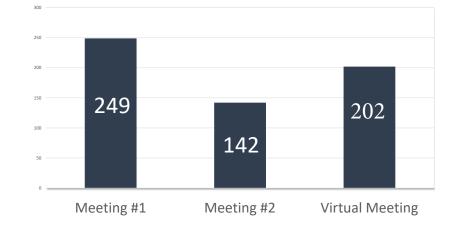
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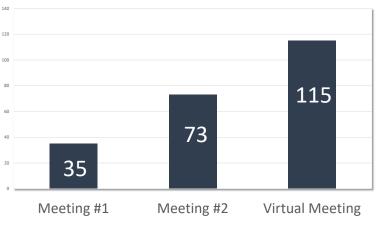
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#### SLT Public Meeting Attendance





Number of comments received



per public meeting

## **Next Steps**





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  - •City of Lecompton City Council—Nov 16
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- Document review opportunities
  - •Website
  - Libraries
  - •City offices



## **Questions?**



### Thank you!





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# South Lawrence Trafficway SEIS Lawrence Rotary

PROJECT #: 10-23 KA-3634-01 January 11, 2021

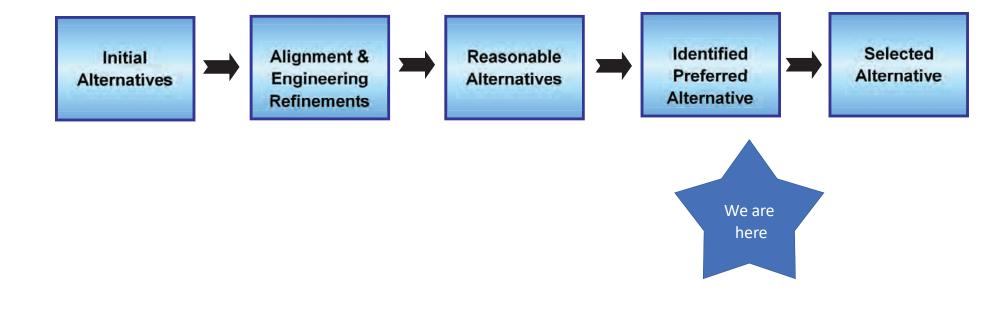


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## Welcome Agenda

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- Summary of Recent Public Engagement
- Next Steps for Public Hearing







**Evaluation process** 

# K-10 & I-70 Interchange

- Alternative 3 Identified Preferred Alternative
  - Preferred access pattern of public
  - Avoids environmental red flags
  - Smallest right-of-way impact
  - Best anticipated safety performance
  - Highest cost alternative





K-10 & I-70 Screening





#### K-10 & I-70 Interchange

### Wakarusa Interchange

- 3 Alternatives Considered
- Folded Diamond Identified
   Preferred Alternative
  - Direct Access to Wakarusa
  - Most Conventional Access
  - Similar Operations to other Alternatives





#### Wakarusa Interchange Screening

### **Folded Diamond – Identified Preferred Alternative**

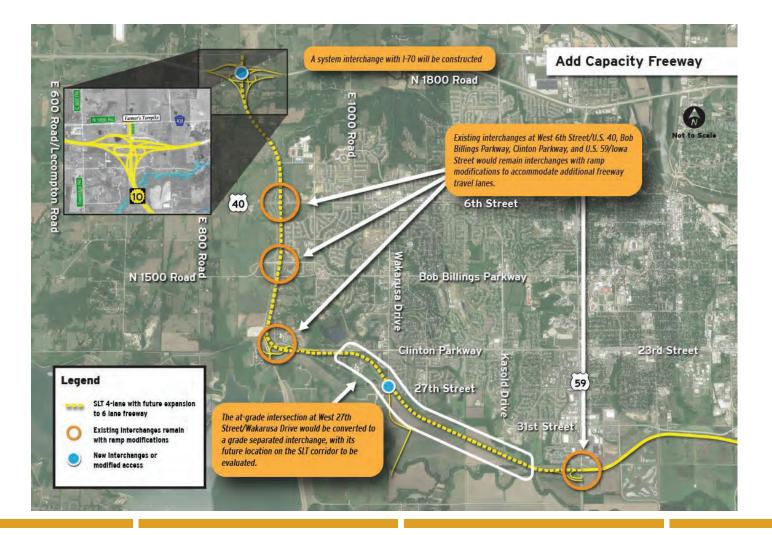


# **SLT West Leg Alternatives**

- 3 Alternatives No Action, Tolled Highway, & Non-Tolled Freeway
- Non-Tolled Freeway Identified Preferred Alternative
  - Met Traffic Operation Needs
  - Low predicted use of Express Toll Lanes
  - Public feedback
  - Lower cost

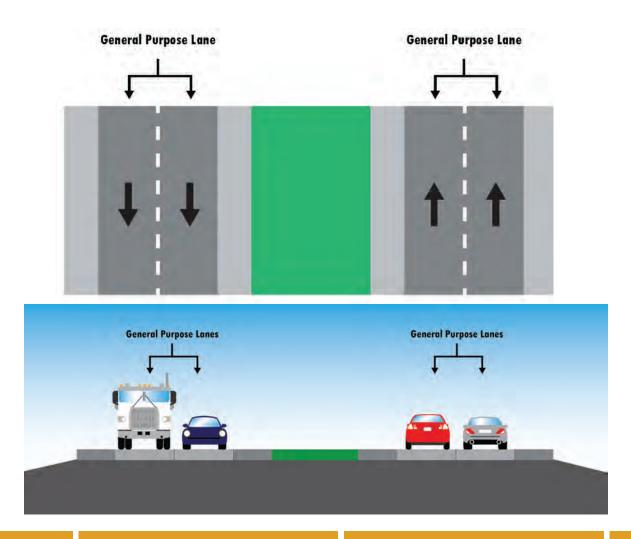


**Reasonable Alternative Screening** 





#### **Add Capacity Freeway Alternative**





SLT Add Capacity Freeway 4-Iane Cross Section

### Interim Safety Improvement Projects



# **Interim Safety Improvements**

- K-10/I-70 Interchange--Completed
  - Light Pole for K-10/Farmer's Turnpike
  - Pavement Markings and Rumble Strips
- K-10/27<sup>th</sup> Street/Wakarusa
  - Advanced Signal Warning System
  - Interim Intersection Improvements Study
  - Queue Backup Warning System
- SLT Corridor (I-70 to East 23<sup>rd</sup> Street Interchange)
  - Three (3) Dynamic Message Signs

















### **Interim Safety Improvements**

 K-10/27<sup>th</sup> Street/ Wakarusa







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South Lawrence Trafficway

### **Recent Activities/Next Steps**



#### •Presentation to groups

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- •Douglas County Commission—Nov 18

### •Public Hearing—February

- •Virtual and in person options
- •Check website for latest information

#### Document review opportunities

- •Website
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- •City offices



# **Questions?**

# www.slt-ks.org



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