



AGENDA

Multi-modal Transportation Commission Meeting

Monday, December 2, 2019 @ 5:00 PM
City Commission Room, City Hall 6 E 6th St
Lawrence, KS 66044
First Floor of City Hall, 6 East 6th Street



A. STUDY SESSION:

1. Chapter 20 Article 9: Parking, Loading and Access Standards Update

B. APPROVE MINUTES:

1. [Meeting Minutes and Sign In 11-4-19](#)

C. PUBLIC COMMENT:

The public is allowed to speak to any items or issues that are not scheduled on the regular agenda. Public comment will not be received for Staff Items, Commission Items, or Calendar. 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.

D. AGENDA ITEMS:

1. Kasold – 22nd St. to Clinton Parkway design review
ACTION: Provide recommendation on Kasold concept design.
[2019.10.28 Kasold Drive Concept Design Memo](#)
[2019.12.02_Kasold Dr_Complete Streets Checklist](#)
2. 2020 Annual Retreat
ACTION: Provide recommendation on holding annual retreat. Establish a sub-committee to develop retreat agenda.
3. 2020 Meeting Calendar
ACTION: Approve 2020 Multi-modal Transportation Commission meeting calendar.
[Multi-modal Transportation Commission 2020 Calendar](#)

E. STAFF ITEMS:

1. Update on E. 19th Street - Harper to O'Connell
2. Update on Safe Routes to School Plan process

F. COMMISSION ITEMS:

1. PTAC Update - Commissioner Kuzmyak

G. CALENDAR:

1. [Multi-modal Transportation Commission 2020 Calendar](#)

H. ADJOURNMENT

City of Lawrence
Multi-Modal Transportation Commission
November 4, 2019 Minutes

MEMBERS PRESENT: Charlie Bryan, Donna Hultine, Nick Kuzmyak, Carol Bowen,
Steve Evans, Erin Paden, John Ziegelmeyer, Ron May

MEMBERS ABSENT: Kathryn Schartz

STAFF PRESENT: David Cronin, City Engineer
Charles Soules, MSO Department
Jessica Mortinger, Transportation Planning
Dustin Smith, MSO Department
Jacob Baldwin, MSO Department

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

STUDY SESSION

Study session cancelled.

REGULAR MEETING

[The meeting was called to order by Commissioner Evans at 6:01 p.m. in the City Commission Room, City Hall, 6 E. 6th Street.](#)

ITEM NO. 1:

Approve Regular Meeting minutes for October 7, 2019

Moved by Commissioner Ziegelmeyer to approve the minutes, seconded by Commissioner Paden. Motion passed 8-0.

ITEM NO. 2:

General Public Comment

Public Discussion: N/A

ITEM NO. 3:

E. 19th Street – Haskell to O'Connell design options

David Cronin addressed concerns and questions posed at the October 7 Transportation Commission regular meeting. Jason Hoskinson with BG Consultants presented a recommendation letter to the Commission. Five design options for the project were presented and reviewed by all members. Moved by Commissioner May to recommend concept 4 with a 27' wide street from back of curb to back of curb with a 10 foot cycle track on the South side and 5 foot sidewalks on both sides, seconded by Commissioner Paden. Motion passed 7-1. Commissioner Kuzmyak dissented citing his support of a 22' option.

Public Comments: Michael Almon, Alee Phillips, Sharon Ashworth, Bonnie Uffman, Juda Lewis, Melissa Warren, Julia Thomas

ITEM NO. 4:

2020 to 2024 Bike/Ped Funding Plan

City Project Engineer Jacob Baldwin presented a proposed plan for CIP#CI09, the Sidewalk/Bike/Ped Improvements Project.

Moved by Commissioner Kuzmyak to proceed with staff recommendation for CIPCI09 for 2020 to 2024, seconded by Commissioner Bowen. Motion passed 7-0.

Public Comments: Gary Webber, Chris Tilden

ITEM NO. 5:

Shared Scooter Pilot Program

David Cronin presented a draft of Shared Scooter RFQ. Kelly Fox provided feedback regarding terminology of RFQ to Commission and staff. Moved by Commissioner Evans to recommend the RFQ with modifications for requesting the time period of use for approval to the City Commission, seconded by Commissioner Kuzmyak. Motion passed 8-0.

Public Comments: Kelly Fox, Sally Zogry

ITEM NO. 6:

Staff Items

- Safe Routes to School Open House November 14th 6 p.m. to 8 p.m. at Douglas County Fairgrounds – Flory Meeting Hall, 2120 Harper Street
- Alta Planning and Design was selected to develop a comprehensive public education campaign for the Neighborhood Traffic Management Program. The consultant's proposed scope and fee has been reviewed by Staff and a recommendation to execute a Professional Services Agreement is being prepared for the City Commission's consideration.

- Commissioner Bryan requested information on the Multi-Modal Transportation Commission's role in the Safe Routes open house. David Cronin discussed the potential for receiving input regarding shared streets for future routes and crossing guard data. Commission and staff outlined goals of further integrating and building engagement within community.

Public Comments: N/A

ITEM NO. 7:

Commission Items

- PTAC Meeting cancelled. Search for new Transit Director has closed; interviews to follow.
- Commissioner Bowen noted dispersed medical services across city and transportation issues that may subsequently occur, proper email practices, and investing the cap on property tax in regards to sidewalk repair.

ITEM NO. 8:

Calendar

Next Meeting December 2, 2019

- 5p Study Session:
 - Chapter 20 Article 9: Parking, Loading and Access Standards Update.
- 6p Regular Meeting:
 - Kasold – 22nd St. to Clinton Parkway design review
 - Discuss 2020 Calendar and annual retreat
 - Staff update on progress made for Safe Routes To School Plan

ITEM NO. 9:

Adjournment

Meeting was adjourned at 9:29 p.m.

Multi-Modal Transportation Commission Meeting November 4, 2019

Name	Initials
Members	
Charlie Bryan Lawrence DGCO Health Dept. Representative	CWB
Donna Hultine University of Kansas	dh
Kathryn Schartz Multi-Modal Transportation / Planning Eng Rep	
Nick Kuzmyak PTAC representative	NJK
Carol Bowen Pedestrian Representative	CB
Steve Evans Planning/Engineering Field Representative	SE
Erin Paden Bicyclist Representative	EP
John Ziegelmeyer Local Business Representative	
Ron May USD-497	RM
City Staff	
David Cronin City Engineer	DC
Jessica Mortinger Transportation Planning Manager	JM
Ashley Myers Transportation Planner	
Charles Soules Assistant Director, MSO	CFS
Dustin Smith Sr. Project Engineer	DS
Jacob Baldwin Sr. Project Engineer	✓

**Multi-Modal Transportation Commission Meeting
November 4, 2019
Public Sign In Sheet**

Name	Contact Info
Michael Almon 1311 Prairie	(ph) (e-mail)
Alec Phillips	(ph) (e-mail)
Sharon Alworth	(ph) (e-mail)
Bonnie Utzman	(ph) (e-mail)
Judea Lewis	(ph) (e-mail)
Melissa Wannen	(ph) (e-mail)
Julen Thorne	(ph) (e-mail)
Gary W. Brown	(ph) (e-mail)
Chris Tilden	(ph) (e-mail)
Sally Logg	(ph) (e-mail)
	(ph) (e-mail)
	(ph) (e-mail)
	(ph) (e-mail)
	(ph) (e-mail)

MEMO

To: David Cronin, P.E., City Engineer
Sarah Graves, Project Manager
Jake Baldwin, P.E., Project Engineer

From: Jason Hoskinson, P.E., PTOE

Date: October 28, 2019

Re: Kasold Drive Reconstruction Project – Design Summary
Lawrence, Kansas

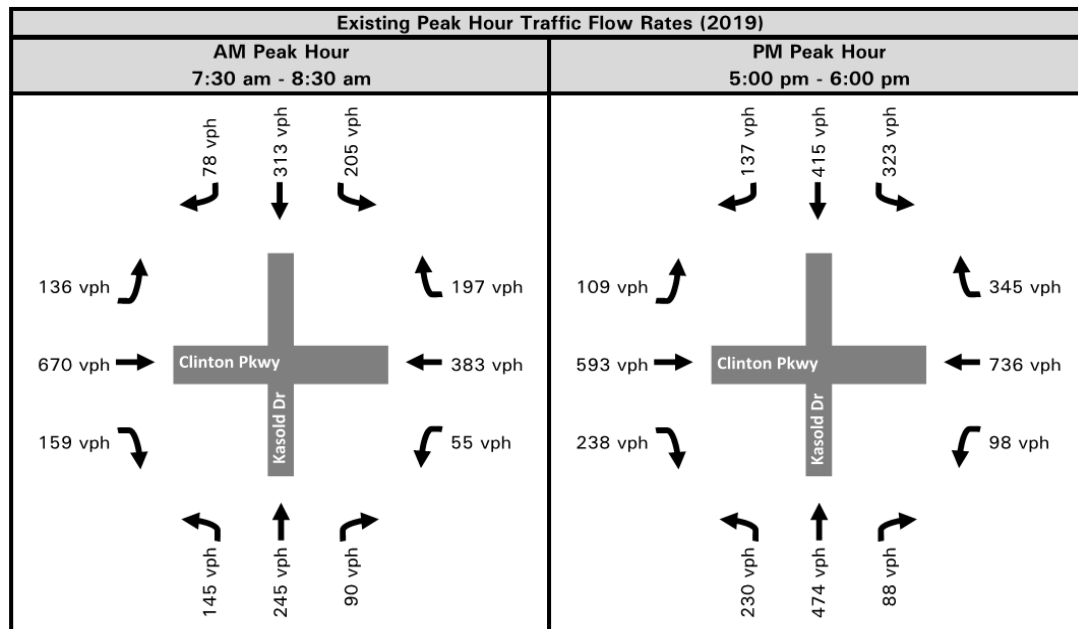
The purpose of this memo is to provide the City of Lawrence with our recommendations for improvement of Kasold Drive north of Clinton Parkway. BG Consultants, Inc. was retained by the City to perform survey and design services for this project. The scope of the project generally includes pavement reconstruction of Kasold Drive from Clinton Parkway north to 22nd Street, replacement of the traffic signal systems at Kasold Drive/Clinton Parkway and Kasold Drive/22nd Street Terrace (HyVee Entrance), pedestrian and bicycle improvements, and waterline replacement.

We performed the survey during the summer of 2019 and design is currently about 50% complete. We will be coordinating this project with a geotechnical engineer, local utility companies, and the property owners abutting the project in the coming months. The project is on schedule for a bid letting in the winter/spring of 2020 with construction during the 2020 construction season.

I've attached a concept drawing of the project improvements to this memo. The following list highlights the key aspects included in the project's design.

- 11-foot wide driving lanes and concrete pavement construction with subgrade stabilization similar to recent projects along Kasold Drive.
- Geometric improvement of the north leg of the Kasold Drive/Clinton Parkway intersection to accommodate dual left-turn lanes and a dedicated right-turn lane (southbound movements).
- Re-grading of Kasold Drive to lower the crest curve profile between Clinton Parkway and 22nd Street Terrace.
- A 10-foot wide shared use path (side path) on the west side of Kasold Drive to connect to similar, existing facilities to the north and south of this project.
- A 6-foot wide sidewalk on the east side of Kasold Drive to connect to similar, existing facilities to the north and south of this project.
- Construction of a retaining wall (approximately 7 feet tall) on the east side of Kasold Drive.
- Replacement of the traffic signal systems at the Kasold Drive/Clinton Parkway and Kasold Drive/22nd Street Terrace (HyVee Entrance) intersections, including accessible pedestrian signal infrastructure.

Peak hour turning movement data was collected at the Kasold Drive/Clinton Parkway intersection on September 19, 2019. The AM Peak Hour occurred between 7:30 am and 8:30 am. The PM Peak Hour occurred between 5:00 pm and 6:00 pm.



We performed a traffic operations analysis at this signalized intersection during both peak hours. The intersection was found to operate at a Level of Service (LOS) B (18.6 seconds of delay) in the AM Peak Hour and a LOS C (27.0 seconds of delay) in the PM Peak Hour. However, the high-volume of southbound left-turn demand frequently results in queue lengths exceeding the existing left-turn bay length. The lack of left-turn storage results in queue spillover where the queue of left-turning vehicles blocks the southbound thru lane, thus limiting the intersection's ability to service the vehicular demands.

Intersections with left-turn demands approaching 300 vehicles per hour are often good candidates for dual left-turn lanes operating in a protected signal phase. The south leg of the Kasold Drive/Clinton Parkway intersection was previously designed to accommodate future conversion to a dual left-turn lane configuration. Based on our analysis and the high southbound left-turn demand, **we recommend making the conversion to dual left-turn lane operation as a part of this project.** Geometric improvement of the north leg of the intersection will be designed for two left turn lanes.

Our analysis also revealed a relatively high vehicular demand on the westbound right-turn movement, particularly during the PM Peak Hour. The traffic operations indicate westbound thru-lane queue lengths will block the entry to the right-turn lane during nearly 50% of the PM Peak Hour. This reduces the efficiency of the intersection and results in lower levels-of-service. It should be noted the entry taper into the right-turn lane is nearly 200 feet long, almost double the length

necessary. We therefore suggest lengthening the westbound right-turn lane to the east and reconstructing the entry taper.

The proposed geometric improvements recommended above will result in only slight improvements to the intersection delay, yielding a LOS B (18.1 seconds of delay) in the AM Peak Hour and LOS C (22.9 seconds of delay) in the PM Peak Hour. However, the turn lane geometric improvements will be sufficient to accommodate the anticipated queue lengths and enable this intersection to operate appropriately during normal peak hour operations.

The project is being designed to allow for traffic on Kasold Drive to be carried north/south through the construction zone. Temporary access will be provided to the W. 22nd Street Terrace residents. A concept graphic of the project phasing is attached to this memo.

I will be available at the November 2019 Transportation Commission meeting to discuss this project with the commissioners.

Jason Hoskinson

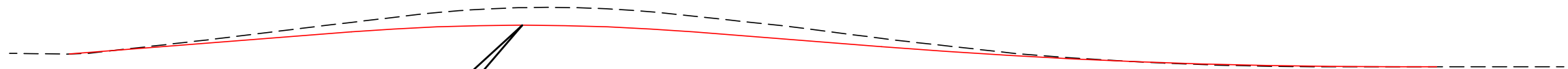
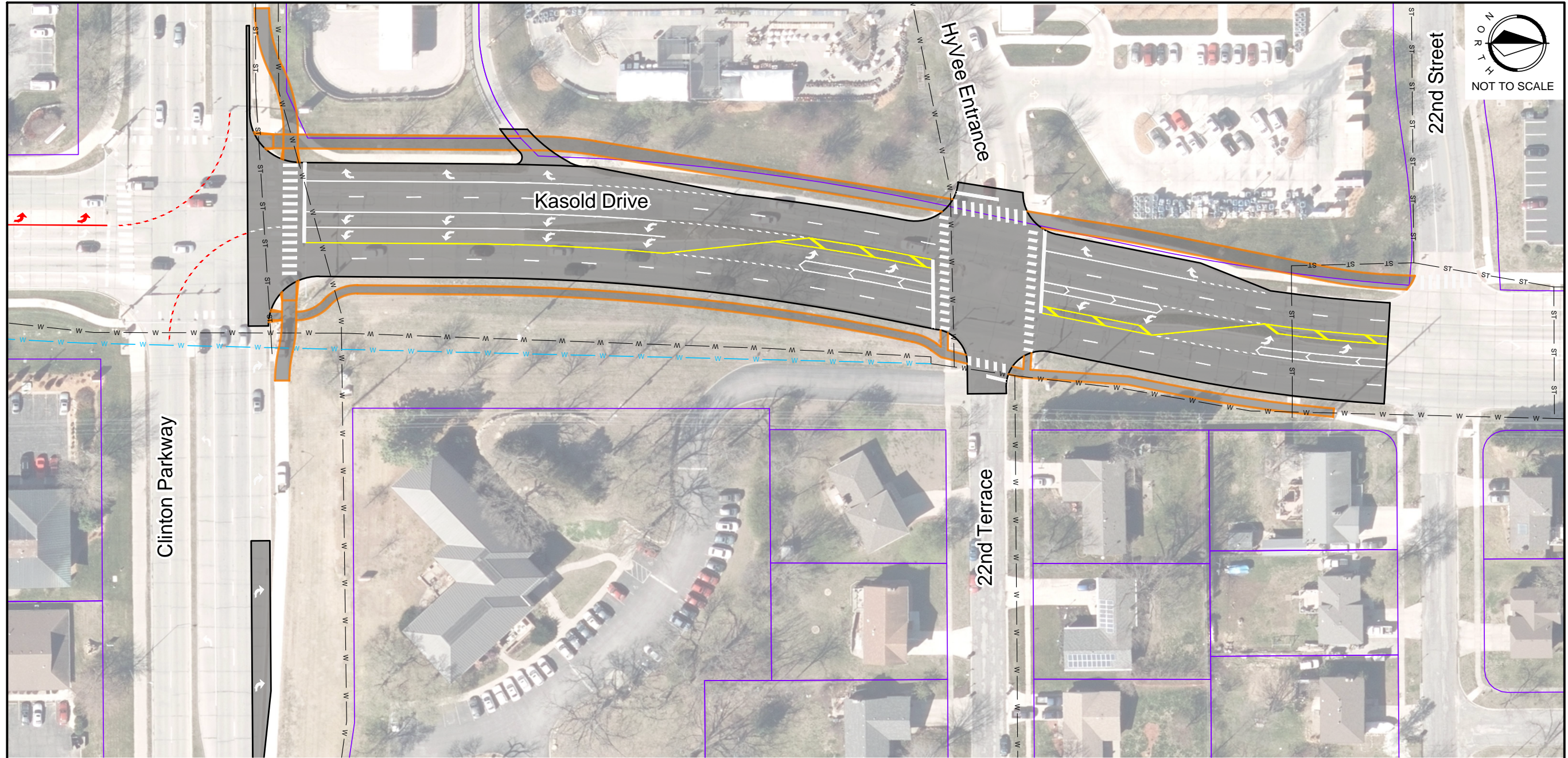
Corporate Secretary

T: 785.749.4474 ext. 2131

C: 785.840.7299

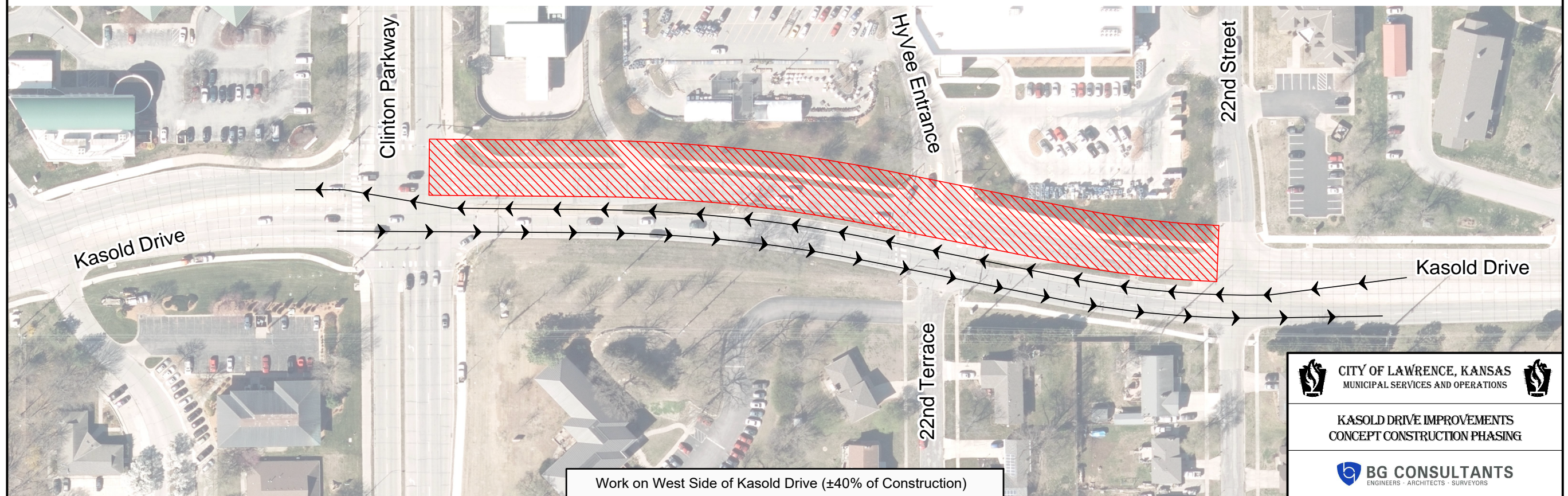
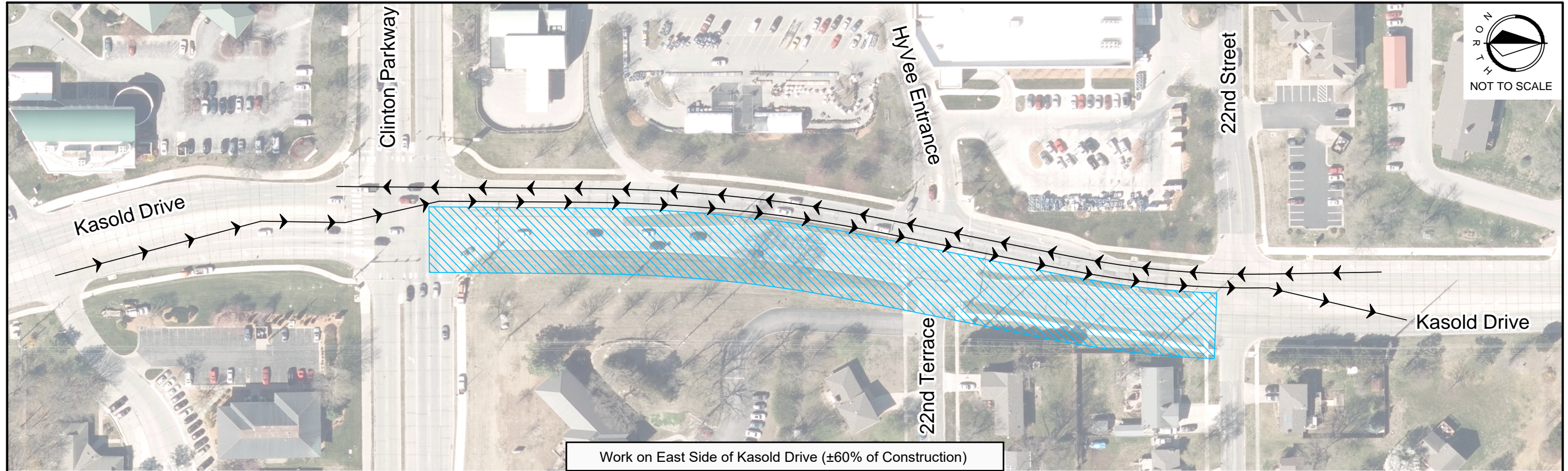
E: jason.hoskinson@bgcons.com

Attachments



Estimated 6 feet cut at centerline for improved profile, elimination of separate profiles for northbound vs. southbound (improved maintenance and snow removal), and the lowering will also help reduce impacts on the HyVee property.

	CITY OF LAWRENCE, KANSAS MUNICIPAL SERVICES AND OPERATIONS	
KASOLD DRIVE IMPROVEMENTS CONCEPT PLAN		
 BG CONSULTANTS <small>ENGINEERS · ARCHITECTS · SURVEYORS</small>		



COMPLETE STREETS CHECKLIST				
PROJECT NAME		Kasold Drive Reconstruction		
LOCATION		Clinton Parkway to W. 22nd Street		
PROJECT INFORMATION				
		Explanation		
Classification	Arterial			
Speed limit	40 mph			
AADT	17040 veh. per day			
Right-of-way width	Varies (100' minimum)			
Safe Route to School	No			
Bus/Transit route	No	The #9 & #29 routes are east/west on Clinton Pkwy @ Kasold.		
On planned bikeway network	Yes			
Existing bicycle accommodations	None			
Existing sidewalk	One side			
Checklist Consideration		Yes	No	Explanation
Does the project provide a main route to a significant destination?	Park/Recreation area		X	
	School		X	
	University		X	
	Shopping/Commercial area	X		HyVee area.
	Employment center	X		HyVee area. LMH South.
	Community facility		X	
Other:				
Does the project provide access across a natural or human-made barrier?			X	
Are there nearby parallel routes that provide a similar level of convenience and connectivity?			X	
Pedestrian and bicycle demand	Is there a high amount of bicycle and pedestrian traffic along route	X		Bike/Ped routes north-south and east-west abutting the project. This project proposes to connect the routes.
	Is there a high amount of bicycle and pedestrian crossings	X		Bike/Ped routes east-west abutting the project, crossing Kasold at Clinton Parkway.
	Is there a history of bicycle or pedestrian crashes (last 3 yrs)		X	
CONSTRAINTS				
Are there constraints to consider in reviewing this project for possible inclusion of Complete Streets elements?				
Constraint Type	Yes	No	Explanation and Date of Comment	
Right-of-Way		X		
Utilities	X		Numerous utilities in Right-of-Way.	
Environmental		X		
Funding	X		CIP Budget.	
Maintenance		X		
Other Existing Condition		X		
Other:				
COMPLETE STREETS ELEMENT REVIEW				
For each of the sections below, indicate whether a Complete Streets Element is/is not included. Provide an explanation of the element to be used or rationale why the element is not being included.				
Complete Streets Element	Checklist Consideration	Included	Not Included	Explanation and Date of Comment
Traffic Calming				
Does the roadway design consider elements to improve safety for pedestrians, bicyclists, and motorists?	Narrower driving lanes	X		11-foot driving lanes.
	Lane reduction		X	
	Other:			
Pedestrian and Bicycle Facilities:				
Reduce pedestrian crossing distance at intersections where high motor vehicle counts and high pedestrian counts are expected.	Pedestrian island		X	
	Curb bump-outs		X	
	Other:			
Does it provide appropriate pedestrian accommodations?	Sidewalks	X		6-foot sidewalk on east. 10-foot shared-use-path on west.
	Crosswalks	X		
	Mid-block crosswalks		X	N/A.
	Buffers between roadway and sidewalks	X		6-foot (min.) on west side. Varies (2-foot min.) on east side due to constraints.
	Lighting	X		
	Street furniture		X	
	Other:			

Complete Streets Element	Checklist Consideration	Included	Not Included	Explanation and Date of Comment
Does it provide appropriate accommodations in accordance with bikeway plan?	Bike lane		X	
	Buffered bike lane		X	
	Protected bike lane		X	
	Shared use path	X		Connects/Completes bike network.
	Bike boulevard		X	
	Bike sharrow		X	
	Bike racks		X	
	Other bike parking		X	
	Other:			
Transit Facilities				
Does it provide appropriate transit accommodations?	Transit shelters		X	Not on Transit Route.
	Accessible location (sidewalk, pad)		X	Not on Transit Route.
	Bus turnout		X	Not on Transit Route.
	Public seating		X	Not on Transit Route.
	Signage/maps		X	Not on Transit Route.
	Trash/recycling receptacles		X	Not on Transit Route.
	Other:			
On-Street Parking				
Existing Parking	None			
Planned Parking	No change			
Streetscaping				
Does the project include streetscaping along newly constructed or reconstructed roadways?	Street trees	X		Replace street trees at HyVee.
	Landscape plantings		X	
	Planters		X	
	Buffer strips		X	
	Other:			
ADA Accessibility				
Does it include appropriate ADA design features?	Curb ramps	X		
	Detectable warning surface	X		
	Crossing distance consideration	X		
	Signal timing	X		
	Other:			
IMPLEMENTATION AND EVALUATION				
Checklist Consideration	Yes	No	Explanation and Date of Comment	
Have you provided advance notification and/or opportunity for review to key groups impacted by the project?	Parks and Recreation		X	Coordinate in plan review process.
	Historic Resources		X	No Historical Environs.
	Transit		X	Not on Transit Route.
	Fire/Med		X	Coordinate in plan review process.
	Other City Departments		X	Coordinate in plan review process.
	Neighborhood Association		X	No defined Neighborhood Assn.
	School Districts		X	N/A.
	University		X	N/A.
Maintenance Are there any added maintenance projections for this project?	Pavement rehabilitation	X		Slightly more pavement than existing.
	Pavement marking	X		Slightly more markings than existing.
	Street sweeping		X	
	Snow removal		X	
	Street trees		X	
	Site furnishings		X	
	Pavers		X	
	Other:			

**2020 CITY OF LAWRENCE
MULTI-MODAL TRANSPORTATION COMMISSION CALENDAR**

Study Sessions begin at 5:00PM Regular Meetings begin at 6:00PM		
January 6 – no meeting	February 3	March 2
	<u>Study Session:</u> <u>Regular Meeting:</u>	<u>Study Session:</u> <u>Regular Meeting:</u>
April 6	May 4	June 1
<u>Study Session:</u> <u>Regular Meeting:</u>	<u>Study Session:</u> <u>Regular Meeting:</u>	<u>Study Session:</u> <u>Regular Meeting:</u>
July 6	August 3	September 14
<u>Study Session:</u> <u>Regular Meeting:</u>	<u>Study Session:</u> <u>Regular Meeting:</u>	<u>Study Session:</u> <u>Regular Meeting:</u>
October 5	November 2	December 7
<u>Study Session:</u> <u>Regular Meeting:</u>	<u>Study Session:</u> <u>Regular Meeting:</u>	<u>Study Session:</u> <u>Regular Meeting:</u>
Future Study Session Topics:		
<ul style="list-style-type: none"> • ADA Transition Plan update (February or March) • Traffic Signal Coordination and Timing Study (March or April) • Transit Hub and Amenities (April or May) • Street Design Standards • Downtown Master Plan parking/multi-modal transportation components • STAR transition to LEED (Sustainability Coordinator) • Distracted Driving • Grant Opportunities 		
Future Regular Meeting Items:		
<ul style="list-style-type: none"> • Safe Routes to School Plan – Draft (February); Final (April) • E. 19th Street – Harper to O’Connell (Spring) • Receive Countywide Bikeway Plan (Spring) • Discussion on regulations for Micromobility transportation devices (Motorized Skateboards, Balancing Boards, etc) • Lawrence Loop – 8th Street to 11th Street and 29th Street Project • E. 23rd Street Design Review • 2021-2025 Bike/Ped Funding Plan • Review 2020 Bike/Ped Project plans and budget • Neighborhood Traffic Management Program • 2020 Street Maintenance Program 		