



Flint Hills Metropolitan Planning Organization

206 Southwind Place, Suite 2B | Manhattan, KS | 66503
785.620.3070 | FHMPO@FlintHillsMPO.org
www.FlintHillsMPO.org

Technical Advisory Committee Meeting

Wednesday, January 4, 2023
1:00 pm

In Person:

City Commission Room
City Hall
1101 Poyntz Ave
Manhattan, KS 66502

Virtual:

Zoom meeting
Meeting ID: 919 154 6755

1. Welcome & Introductions
2. Public Comment Opportunity (for items not on the agenda)
3. Staff Updates
4. KDOT Update: Available on KDOT's website, [here](#).
5. **ACTION ITEM:** Election of Chair and Vice-Chair
6. **ACTION ITEM:** Approve December 7, 2022 Meeting Minutes
7. **ACTION ITEM:** Recommend approval of 2023 Safety Performance Measures Report and Targets
8. **ACTION ITEM:** Recommend approval of 2023 Pavement & Bridge Condition Performance Measures Report and Targets
9. **ACTION ITEM:** Recommend approval of 2023 System Reliability Performance Measures Report and Targets
10. **Adjournment by Chair**

Next meeting scheduled for February 1, 2023



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**Technical Advisory Committee
 Meeting Minutes**

Wednesday, December 7, 2022 at 1:00 pm

In Person:

City Commission Room
 City Hall
 1101 Poyntz Ave
 Manhattan, KS 66502

Virtual:

Zoom meeting
 Meeting ID: 919 154 6755

Voting Members Present		
x	Corey Trumppp	Geary Co. Public Works
x	Ray Ibarra (Vice-Chair)	Junction City Public Works
	Troy Livingston	Junction City/Geary County Zoning
x	Stephan Metzger	Pottawatomie Co. Public Works
	Casey Frisbie	Wamego Public Works
x	Gregg Webster	Pottawatomie County Zoning
x	Ken Stein	Wamego Zoning
	Amanda Webb	Riley County Planning
	Rob Ott (Chair)	Manhattan Public Works
x	John Ellerman	Riley County Public Works
x	John Adam (Alt)	Manhattan Community Development
x	Ryne Dowling	Kansas Dept. of Transportation
x	Anne Smith	Flint Hills aTa Bus
x	Jeff Barnes	K-State Transportation Services

Non-Voting Members Present		
x	Cecelie Cochran	Federal Highway Admin.
	Kelley Paskow	Fort Riley
	Eva Steinman	Federal Transit Admin.
	Angela Schnee	City of Ogden
	Vacant	City of Grandview Plaza
	Ben Wheeler	City of St. George

Staff Present	
x	Jared Tremblay

Members of the Public Present	
Matt Messina - KDOT	

1. Welcome & Introductions

- Ray Ibarra, Vice Chairperson, called the meeting to order at 1:01pm.

2. Public Comment Opportunity

- There were no public comments.

3. Staff Updates

4. KDOT Update

- Ryne Dowling noted the 2023 UPWP has been signed and approved by FHWA.
- Ryne Dowling noted KDOT Secretary Julie Lorenz has given her resignation & Calvin Reed will be stepping in as Interim Secretary.
- Matt Messina, the new division chief of Multimodal Transportation, discussed the State's NEVI (National Electric Vehicle Infrastructure) program & future application process. He shared the existing alternative corridor map and website, as well as some requirements for the program: Must provide 4 simultaneous charging station, 150kw per vehicle with CCS connection (other connections are optional as well).
- Jared Tremblay asked about Tesla proprietary connections.
- Matt Messina noted Tesla vehicles come with a CCS adapter, but Tesla stations are not eligible under the NEVI program. He noted Tesla is considering allowing non-Tesla charging at their stations to take advantage of the program.
- Matt Messina stated KDOT is required to make investments along these corridors and KDOT has a plan to access \$14 million of federal funding to build out the infrastructure. However, there has been delay due to final federal regulations. He believes funds will be available in early 2023.
- Jared Tremblay asked about how we can access funds as a region? Is it open only to private corporations or can local governments access funds?
- Matt Messina stated this is not specific to private companies. There are options to join into partnerships with utilities, private, and public organizations to access funding to build EV infrastructure.
- Ryne Dowling shared several links for members to explore:
 - i. <https://driveelectric.gov/>
 - ii. <https://www.ksdotike.org/charge-up-kansas>

5. ACTION ITEM – Approval of the November 2, 2022 Meeting Minutes

- Motioned Anne Smith, and Stephan Metzger seconded. Motion passed unanimously.

6. ACTION ITEM – Recommend Approval of Amendment #4 of the Transportation Improvement Program (TIP)

- Jared Tremblay gave an overview of the TIP and noted the Summary of Changes. In addition, he detailed the Funding tables, and the map for each area of the region.
- Stephan Metzger asked a question in regards to why there was a project on the map but not in the Summary of Changes. Jared Tremblay replied that the maps show all projects listed in the TIP, not just those in the Summary of Changes.
- Motioned Stephan Metzger. Seconded by Ryne Dowling. Motion passed unanimously.

7. Adjournment by Chair

- Meeting was adjourned at 1:23pm

Next meeting scheduled for January 4, 2023



SAFETY PERFORMANCE MEASURES

2023



FHWA'S 5 SAFETY PERFORMANCE MEASURES

Regional 5-Year Rolling Averages of:

- 1 Number of Fatalities
- 2 Rate of Fatalities per 100 million VMT (Vehicle Miles Traveled)
- 3 Number of Serious Injuries
- 4 Rate of Serious Injuries per 100 million VMT
- 5 Number of Non-motorized Fatalities & Serious Injuries



SAFETY PERFORMANCE MEASURES: SUMMARY

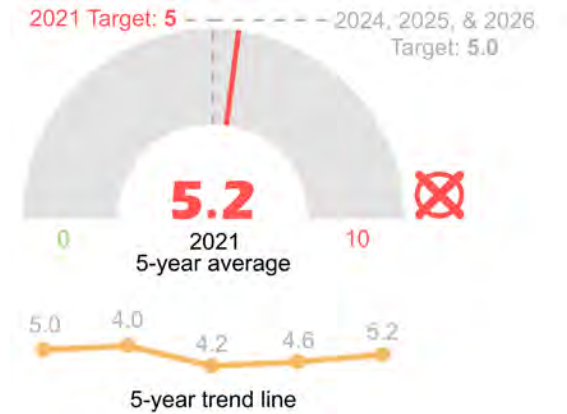
PM 1: Number of Vehicle Fatalities



PM 2: Rate of Vehicular Fatalities per 100 Million Vehicle Miles Traveled



PM 5: Non-Motorized Fatalities & Serious Injuries



PM 3: Number of Serious Injuries



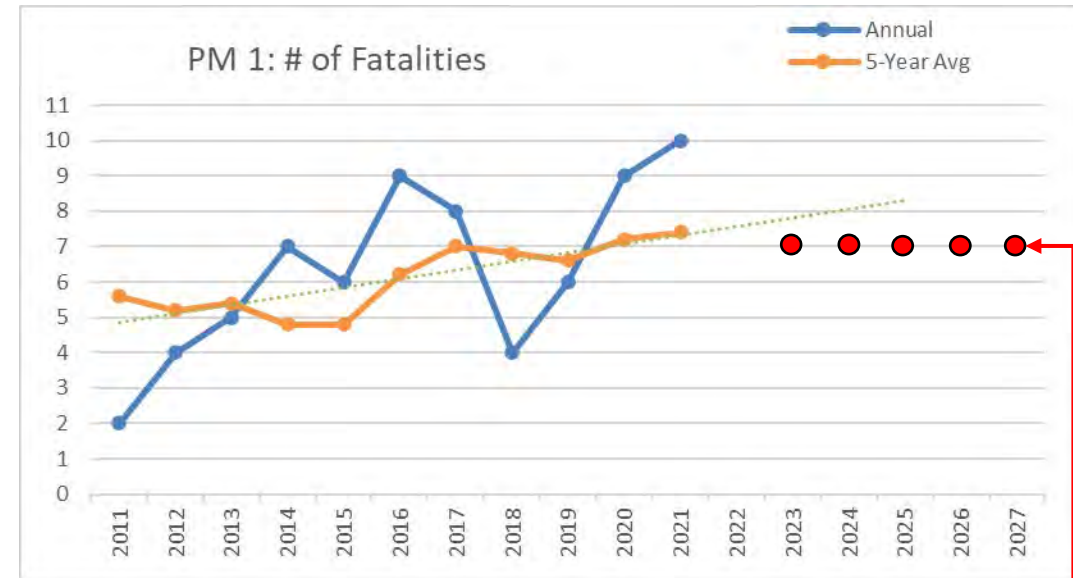
PM 4: Rate of Serious Injuries per 100 Million Vehicle Miles Traveled



TARGET 1: # OF VEHICLE FATALITIES

Year	Annual Fatalities	5-Year Avg	Target
2011	2		-
2012	4		-
2013	5		-
2014	7		-
2015	6	4.8	-
2016	9	6.2	-
2017	8	7.0	-
2018	4	6.8	5
2019	6	6.6	5
2020	9	7.2	4
2021	10	7.4	5
2022	-	-	-
2023	-	-	7
2024	-	-	7
2025	-	-	7
2026	-	-	7
2027	-	-	7

X
Off Target

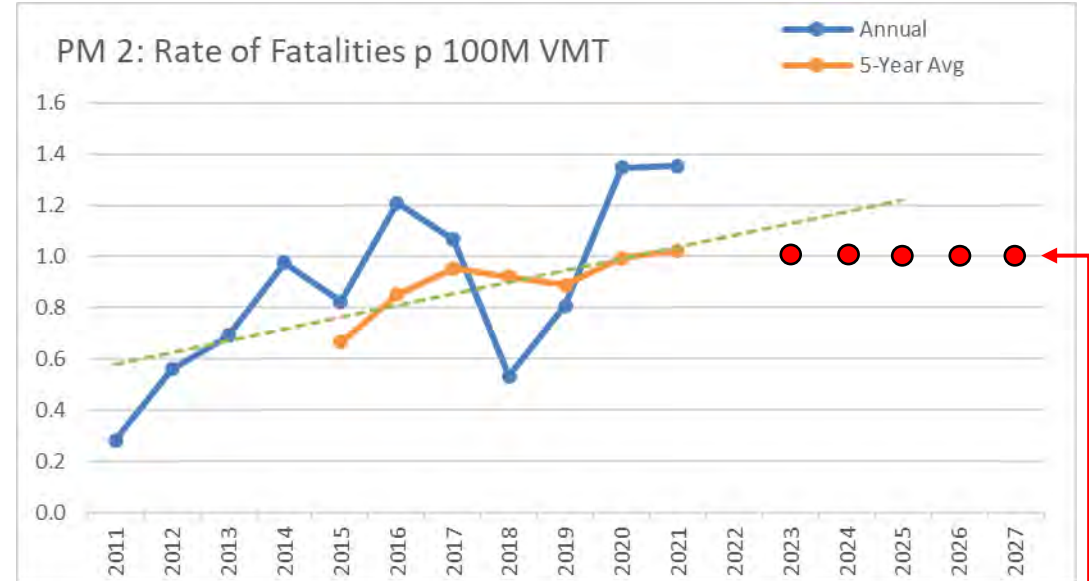


TARGET 2: RATE OF VEHICLE FATALITIES P. 100M VMT

Year	Annual Fatalities	100M VMT	Fatality Rate p/100M VMT	5-Year Avg	Target
2011	2	7.10	0.28		-
2012	4	7.13	0.56		-
2013	5	7.24	0.69		-
2014	7	7.17	0.98		-
2015	6	7.29	0.82	0.67	-
2016	9	7.45	1.21	0.85	-
2017	8	7.50	1.07	0.95	-
2018	4	7.49	0.53	0.92	0.70
2019	6	7.41	0.81	0.89	0.65
2020	9	6.68	1.35	0.99	0.60
2021	10	7.38	1.35	1.02	0.65
2022					-
2023	-	-	-	-	1.00
2024	-	-	-	-	1.00
2025	-	-	-	-	1.00
2026	-	-	-	-	1.00
2027	-	-	-	-	1.00



Off Target



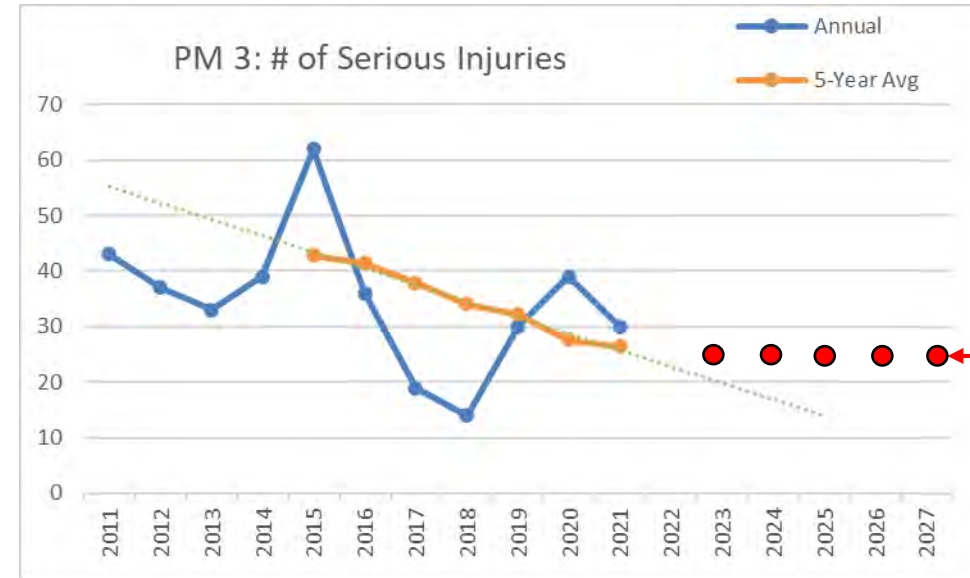
* VMT details found in Appendix A



TARGET 3: # OF SERIOUS INJURIES

Year	Annual Serious Injuries	5-Year Avg	Target
2011	43		-
2012	37		-
2013	33		-
2014	39		-
2015	62	42.8	-
2016	36	41.4	-
2017	19	37.8	-
2018	14	34	32
2019	30	32.2	32
2020	39	27.6	32
2021	30	26.4	18
2022			-
2023	-	-	25
2024	-	-	25
2025	-	-	25
2026	-	-	25
2027			25

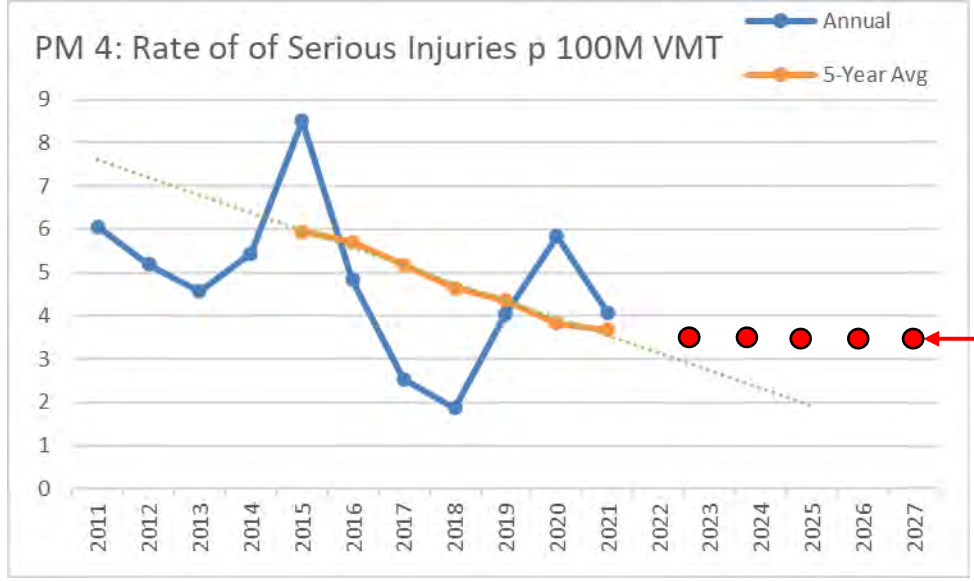
X
Off Target



TARGET 4: RATE OF SERIOUS INJURIES P. 100M VMT

Year	Annual Serious Injuries	100M VMT	SI Rate p/100M VMT	5-Year Avg	Target
2011	43	7.10	6.06		-
2012	37	7.13	5.19		-
2013	33	7.24	4.56		-
2014	39	7.17	5.44	-	-
2015	62	7.29	8.50	5.95	-
2016	36	7.45	4.83	5.71	-
2017	19	7.50	2.53	5.17	-
2018	14	7.49	1.87	4.64	4.4
2019	30	7.41	4.05	4.36	4.3
2020	39	6.68	5.84	3.82	4.2
2021	30	7.38	4.06	3.67	3
2022					-
2023	-	-	-	-	3.5
2024	-	-	-	-	3.5
2025	-	-	-	-	3.5
2026	-	-	-	-	3.5
2027					3.5

X
Off Target



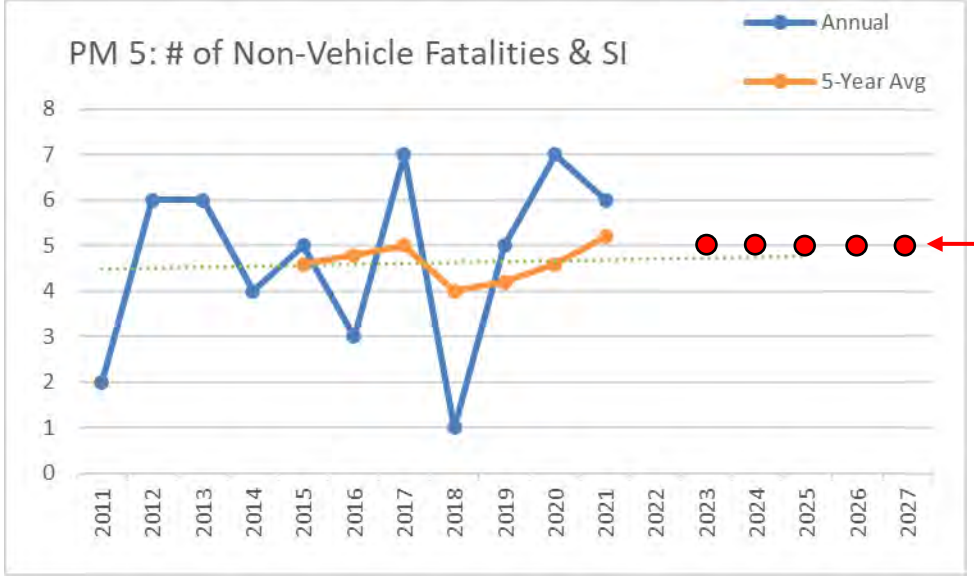
* VMT details found in Appendix A








TARGET 5: # OF NON-VEHICULAR FATALITIES & SERIOUS INJURIES

Year	Annual Fatalities	5-Year Avg	Target
2011	3		-
2012	6		-
2013	7		-
2014	4		-
2015	6	4.6	-
2016	3	4.8	-
2017	8	5	-
2018	2	4	1
2019	5	4.2	0
2020	7	4.6	0
2021	5	5.2	5
2022	-	-	-
2023	-	-	5
2024	-	-	5
2025	-	-	5
2026	-	-	5
2027	-	-	5

X
Off Target



TARGET SUMMARY

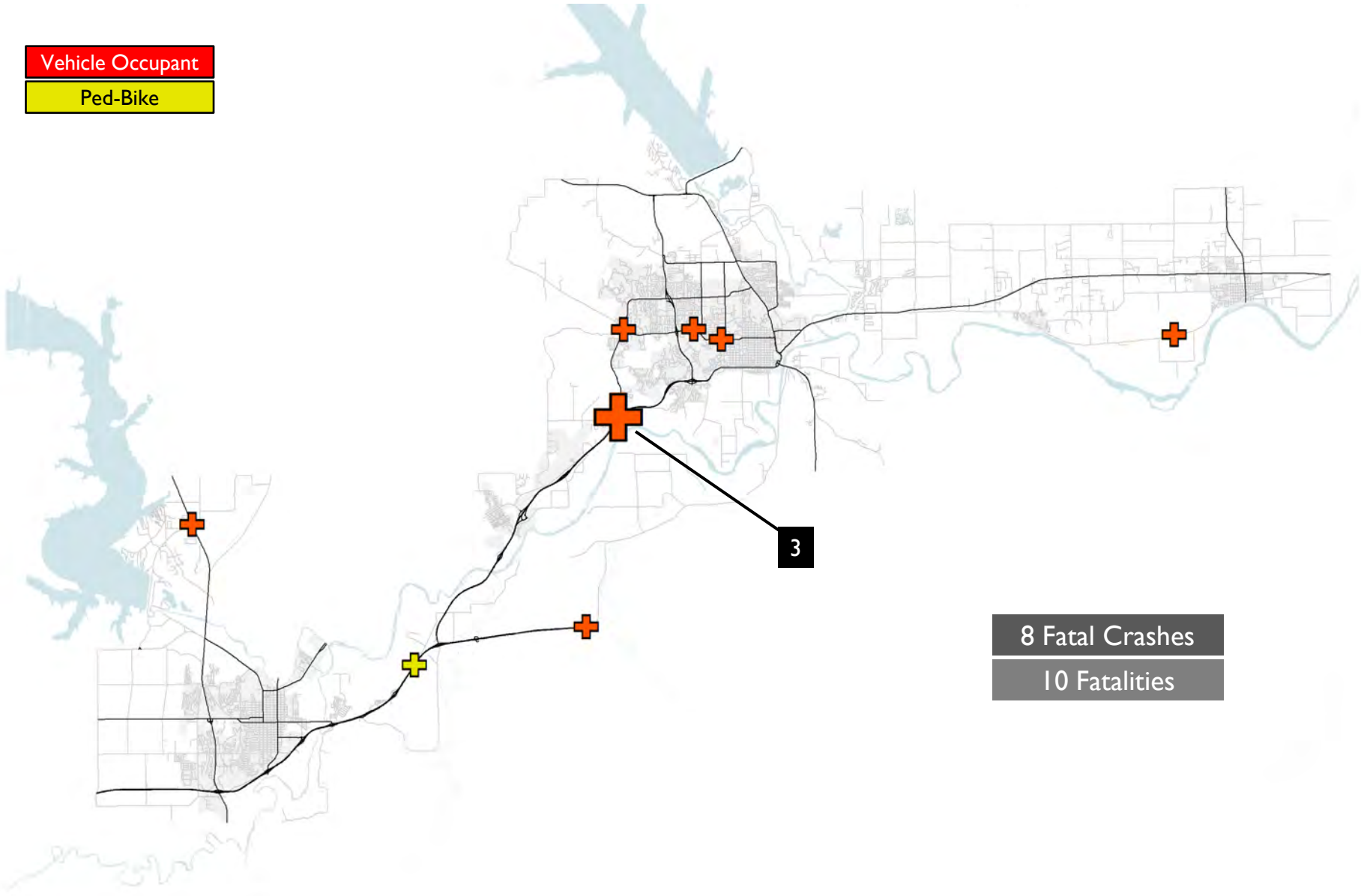
Performance Measure		2021 5-Year Avg	2021 Targets (set in 2018)	Future Targets
1	# of Fatalities	7.4	5  Off Target	2024: 7 2025: 7 2026: 7
2	Rate of Fatalities per 100 million VMT	1.02	0.65  Off Target	2024: 1.00 2025: 1.00 2026: 1.00
3	# of Serious Injuries	26.4	18  Off Target	2024: 25 2025: 25 2026: 25
4	Rate of Serious Injuries per 100 million VMT	3.7	3.0  Off Target	2024: 3.5 2025: 3.5 2026: 3.5
5	# of Non-Vehicular Fatalities & Serious Injuries	5.2	5  Off Target	2024: 5 2025: 5 2026: 5



CRASH MAPS: FATALITIES

Vehicle Occupant

Ped-Bike



8 Fatal Crashes

10 Fatalities



CRASH MAPS: SERIOUS INJURIES

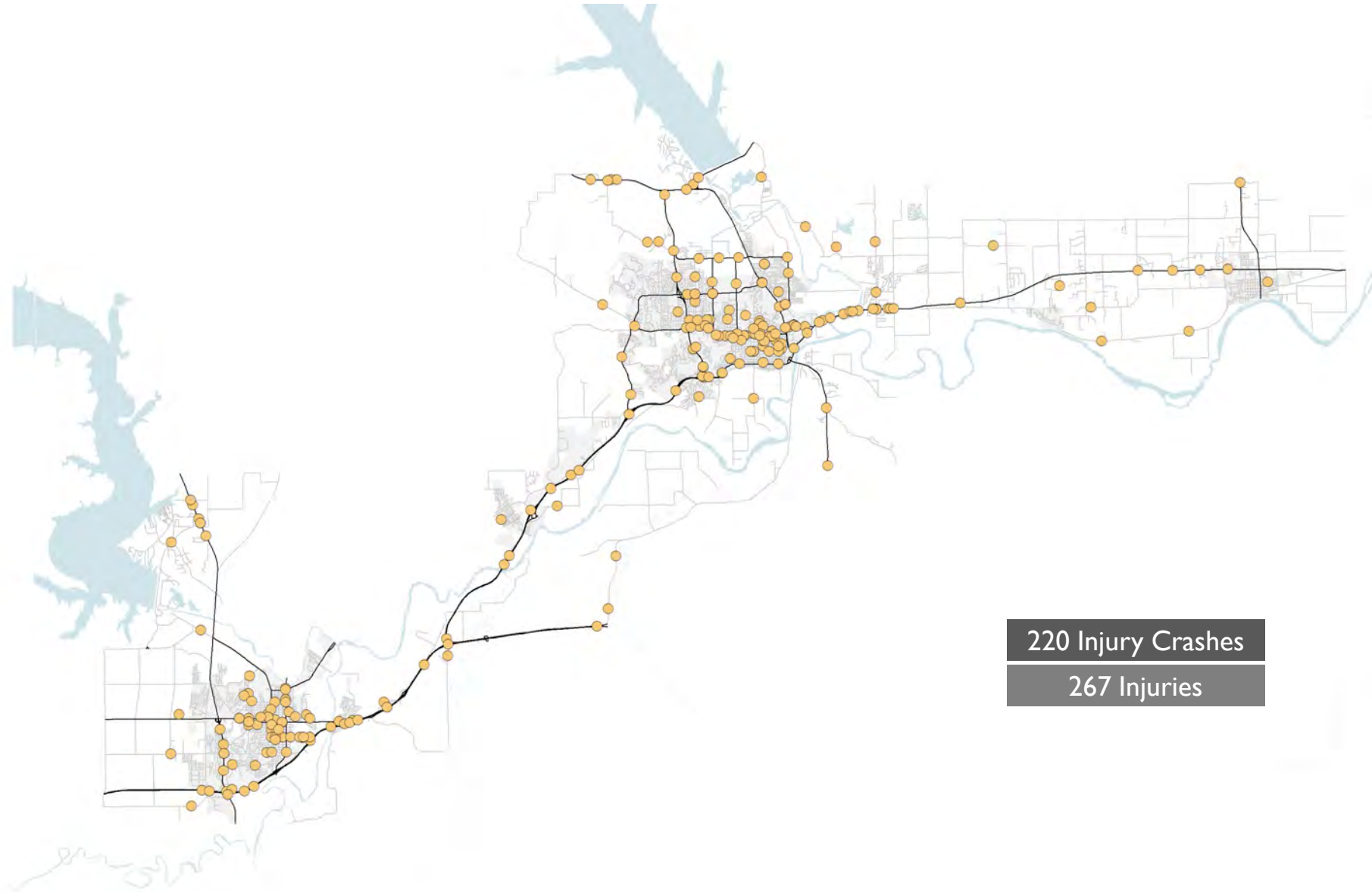
Vehicle Occupant
Ped-Bike



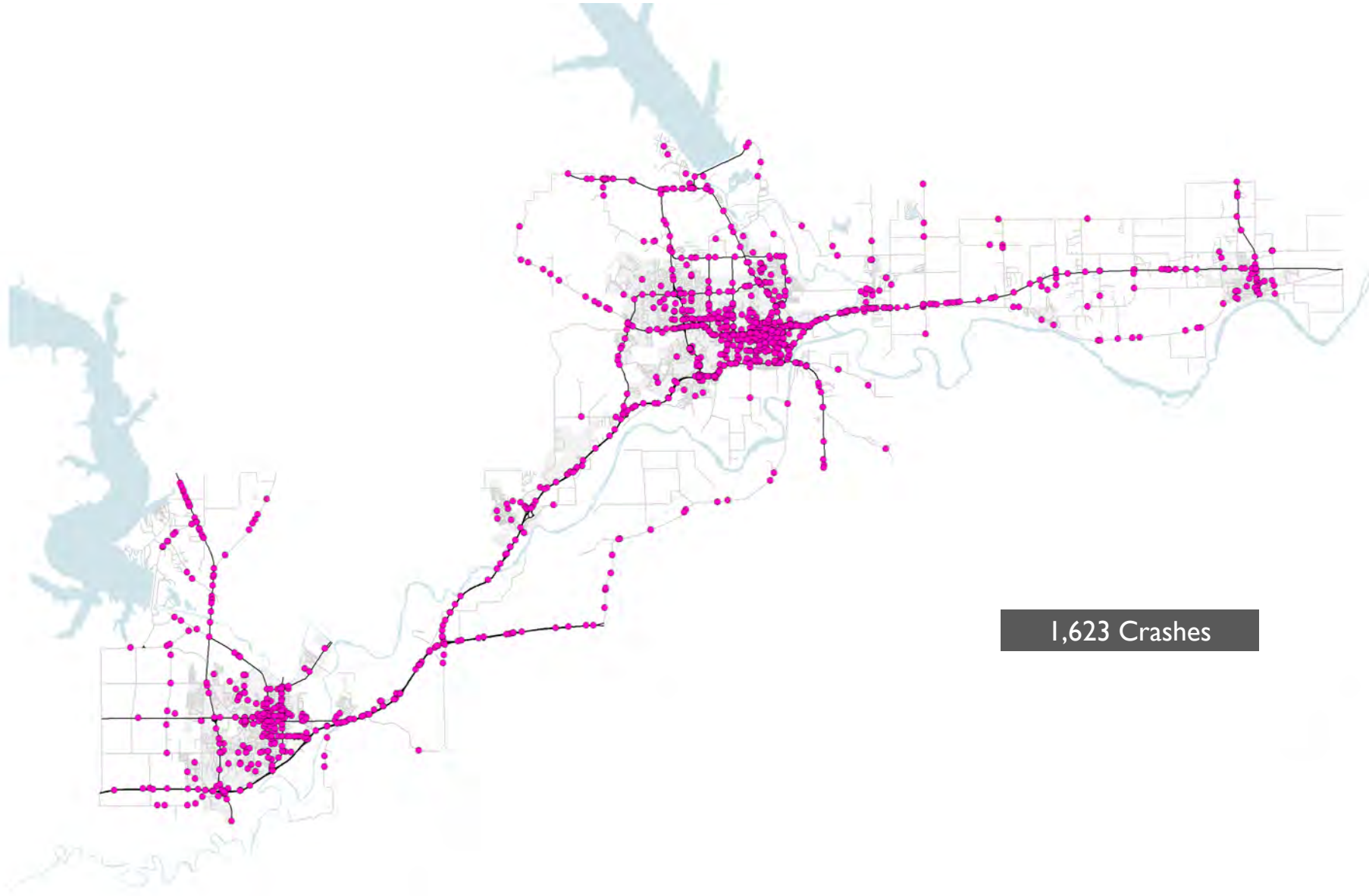
26 S.I. Crashes
39 Serious Injuries



CRASH MAPS: ALL INJURIES



CRASH MAPS: ALL CRASHES

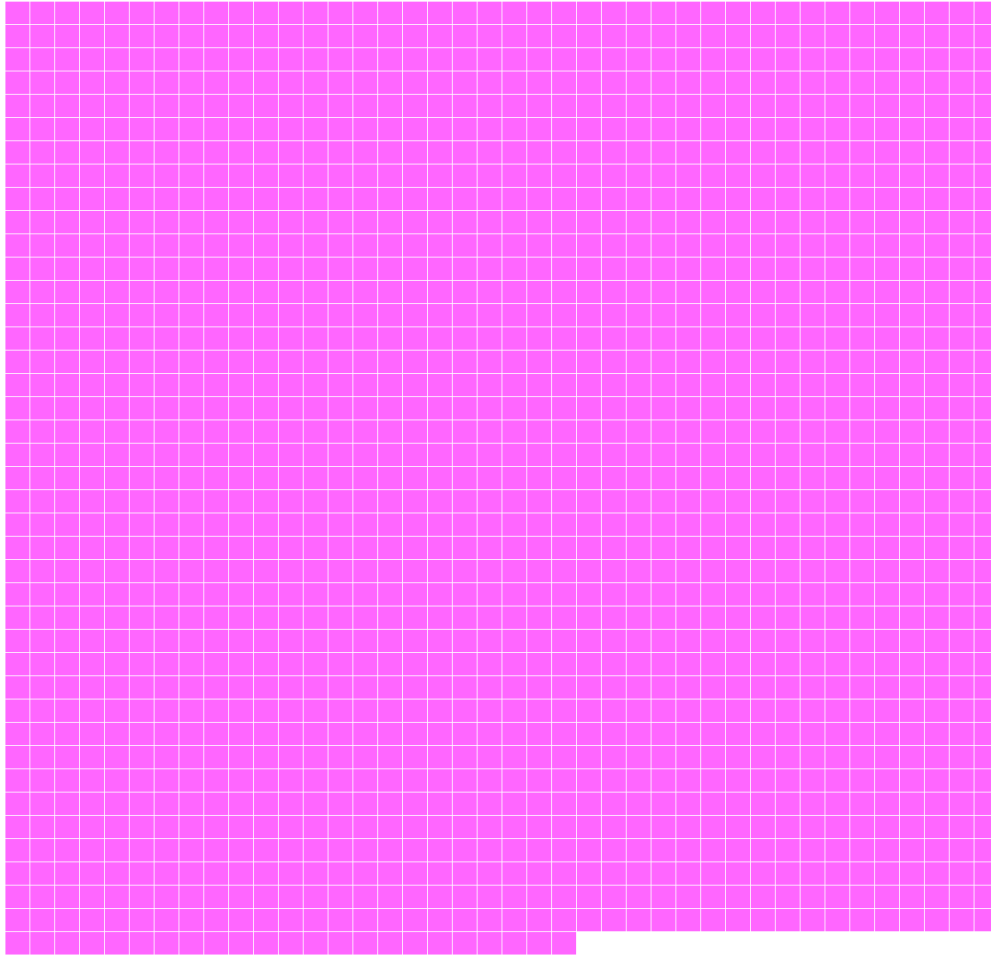


1,623 Crashes

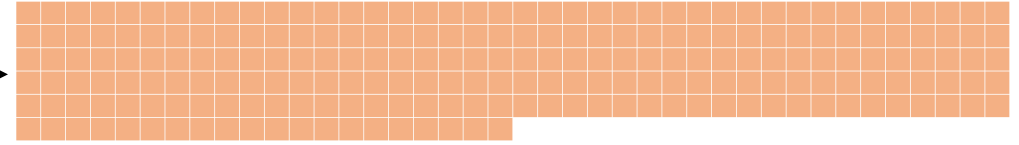


CRASHES

All Crashes (1,623)



Injury Crashes (220)



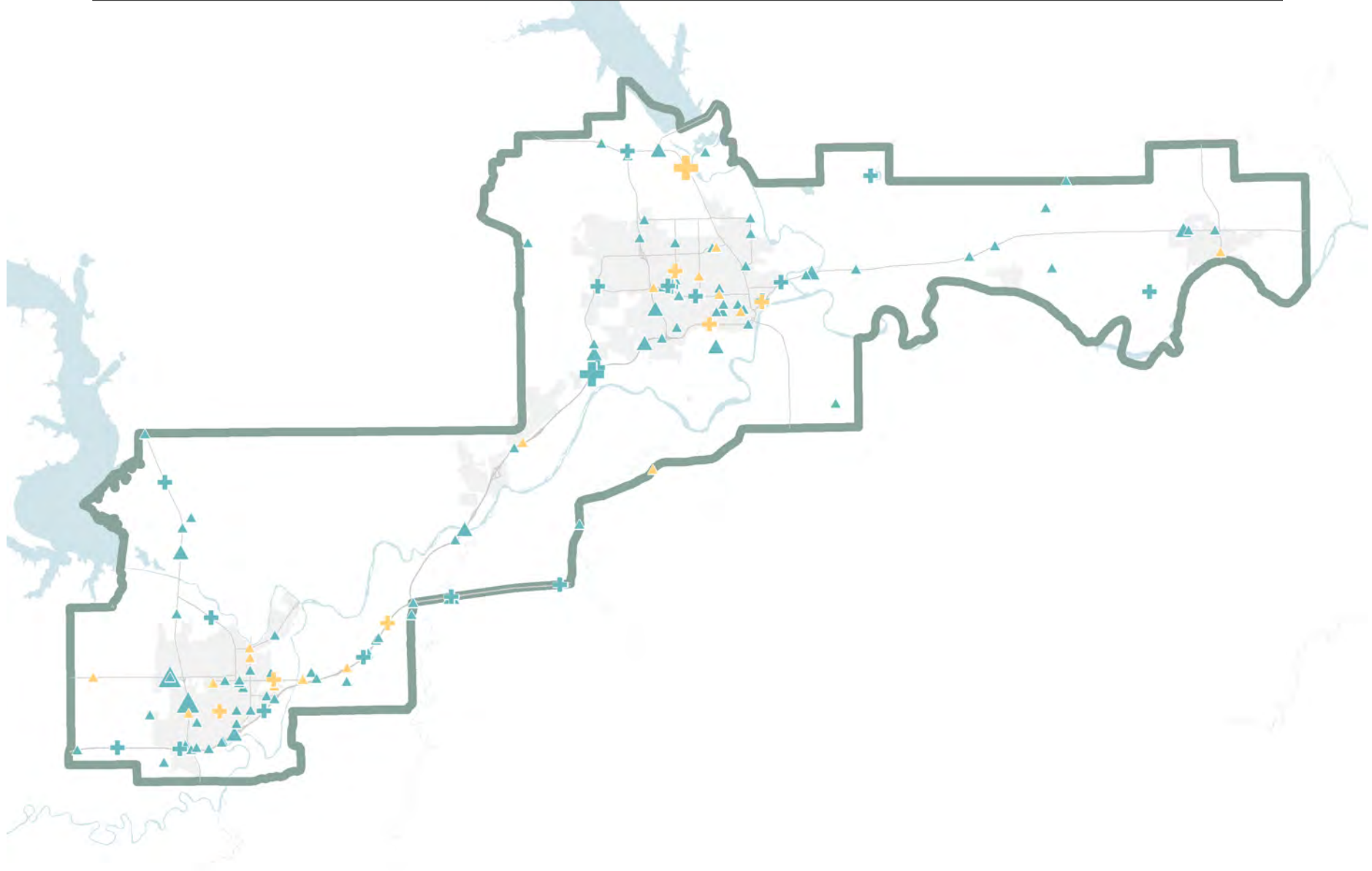
Serious Injury Crashes (26)



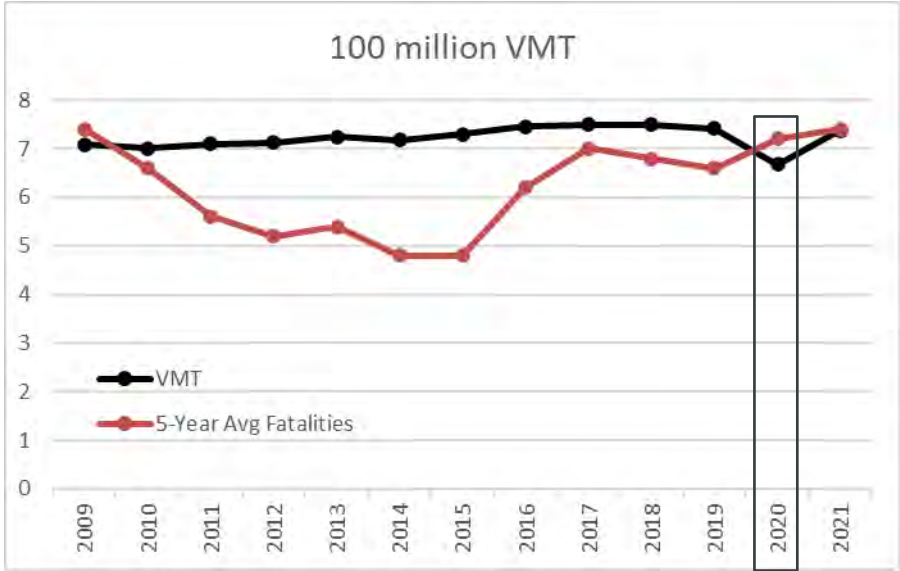
Fatal Crashes (8)



CRASHES: 2017-2021



TRENDS & CONCERNS



- + Minimal VMT growth
- Since 2016, Fatalities p 100M VMT have risen: more people dying in same amount of miles driven

9.9% Drop in VMT

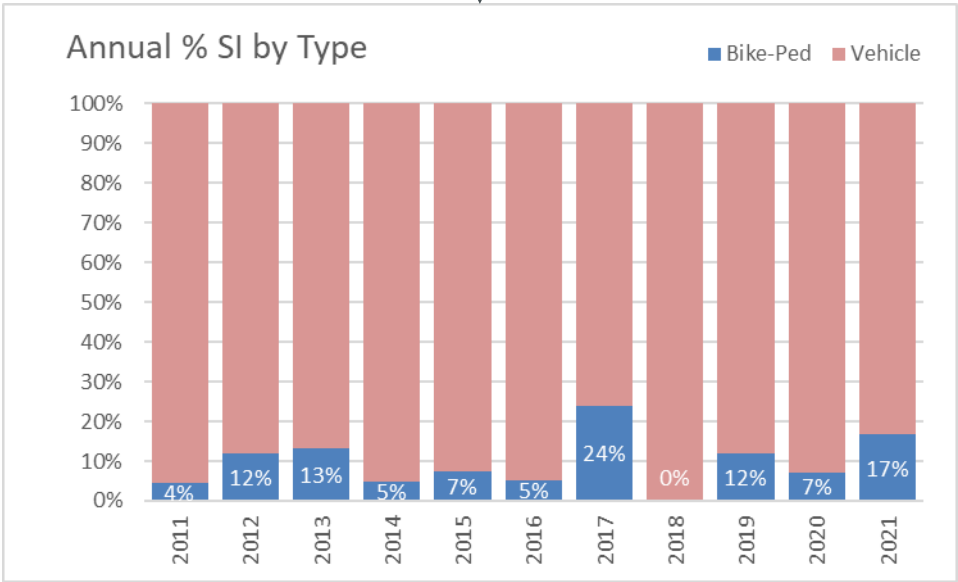
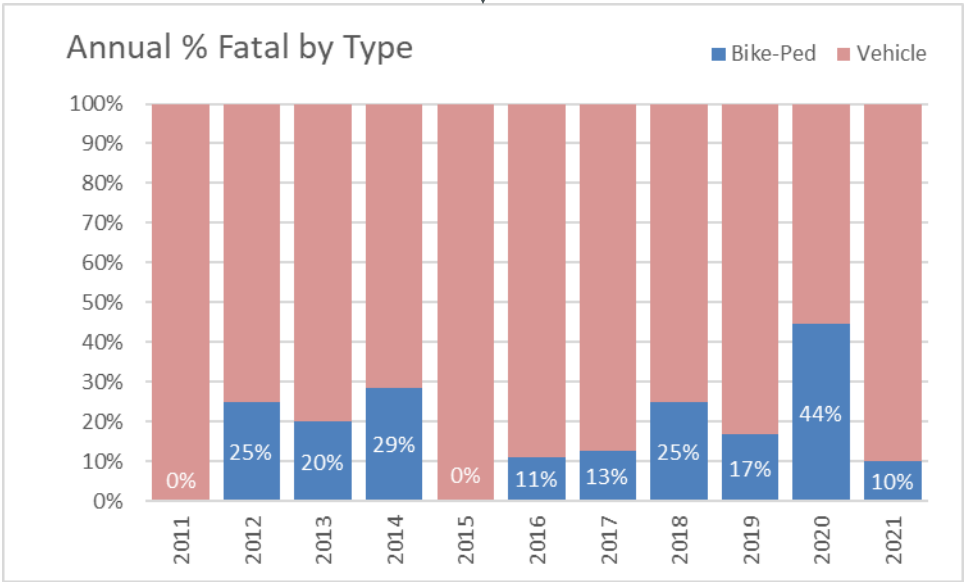
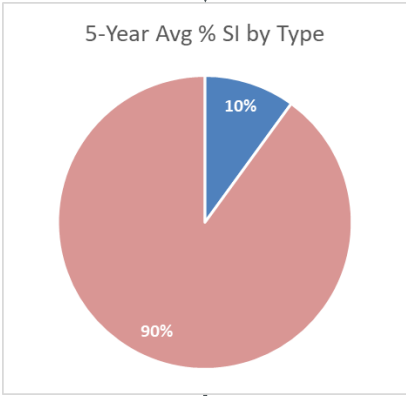
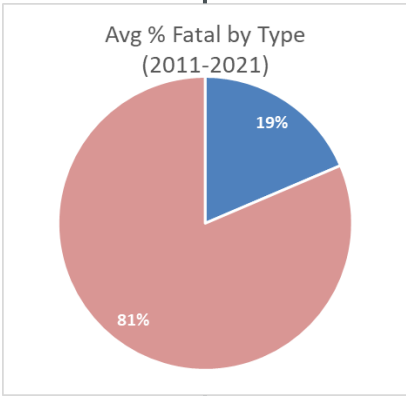
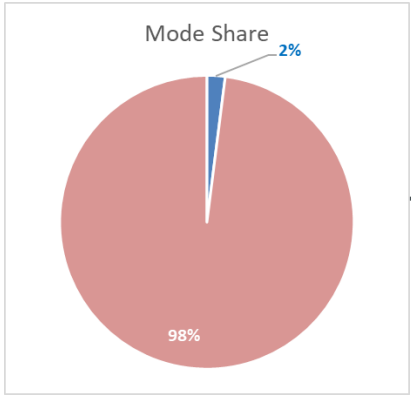
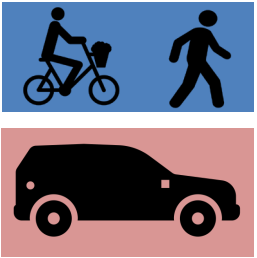
Major reduction due to Covid 19 pandemic.

Rise in Fatalities: 9

Highest total in 11 years. In 2018 & 2019 there were 4 & 6 respectively. 2021 had 10 fatalities.



TRENDS & CONCERNS

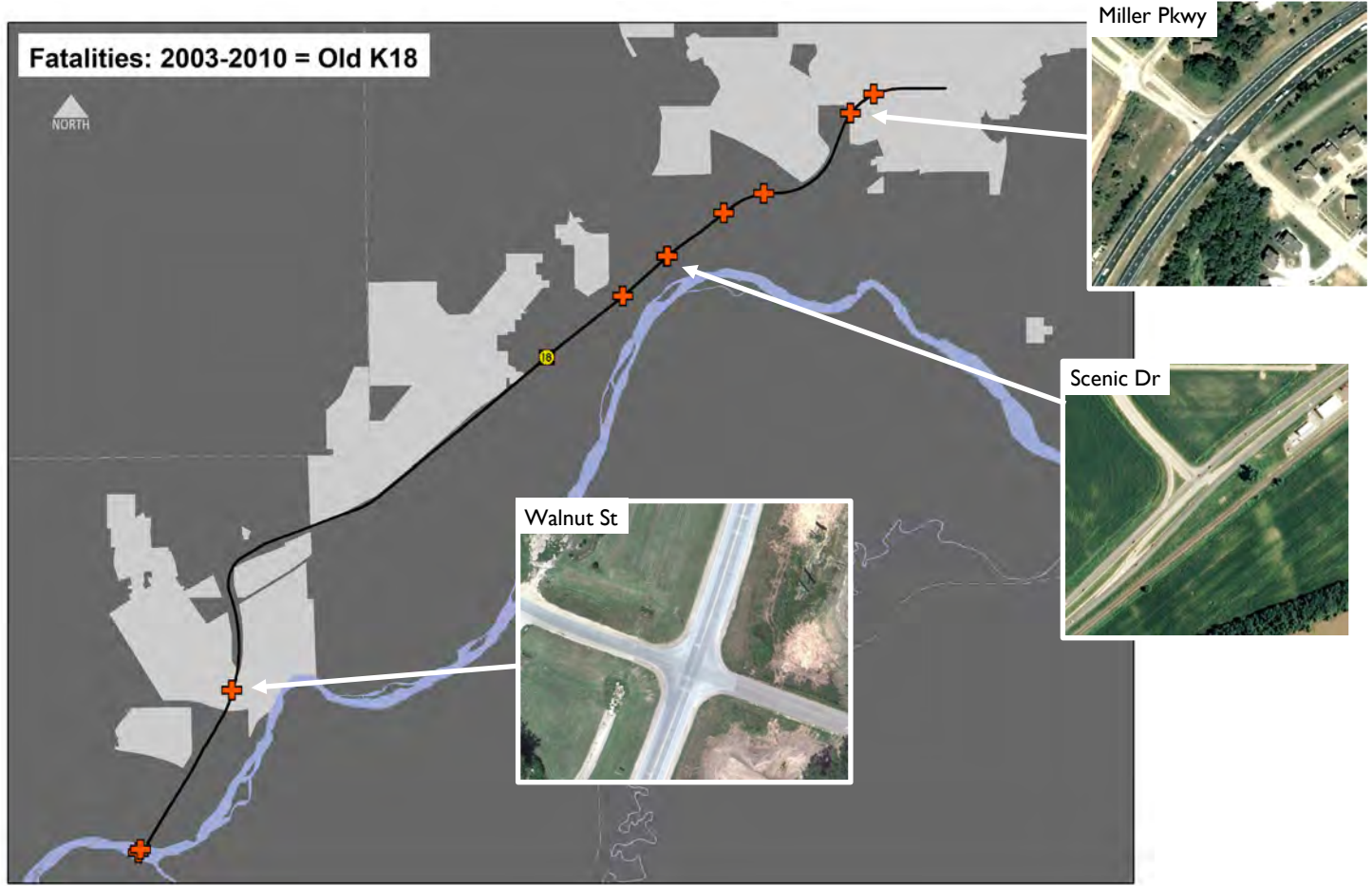


Fatalities
13 **57**

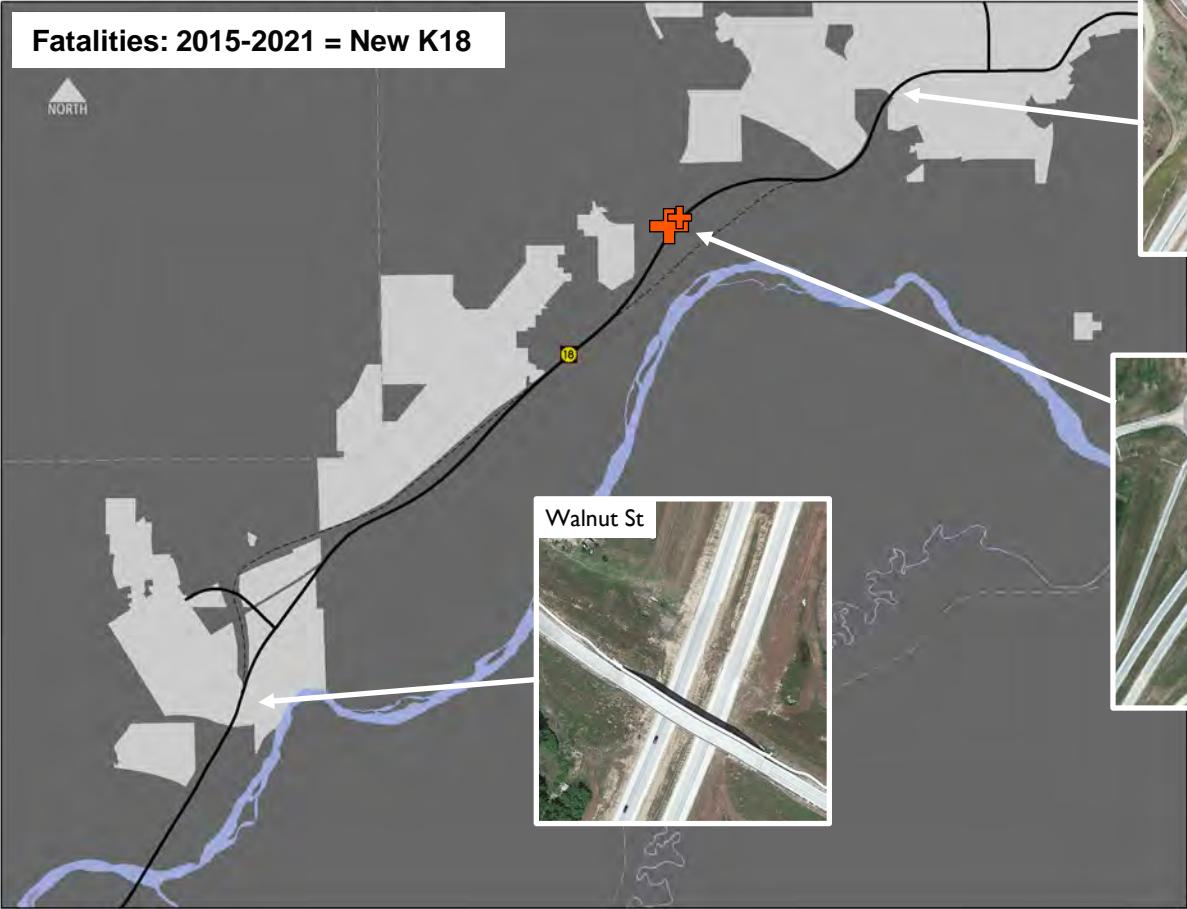
Serious Injuries
25 **225**



K18: BEFORE & AFTER



K18: BEFORE & AFTER



K18: BEFORE & AFTER

Years	Road Type	# of Crashes	Crashes p.Year	# of Fatalities	Fatalities p. Year	# of Serious Injuries	Serious Injuries p.Year
2004-10	4-Lane	676	96.5	9	1.29	40	5.71
2015-21	4-Lane Limited Access	428	61.1	4	0.57	11	1.57

37%
Reduction

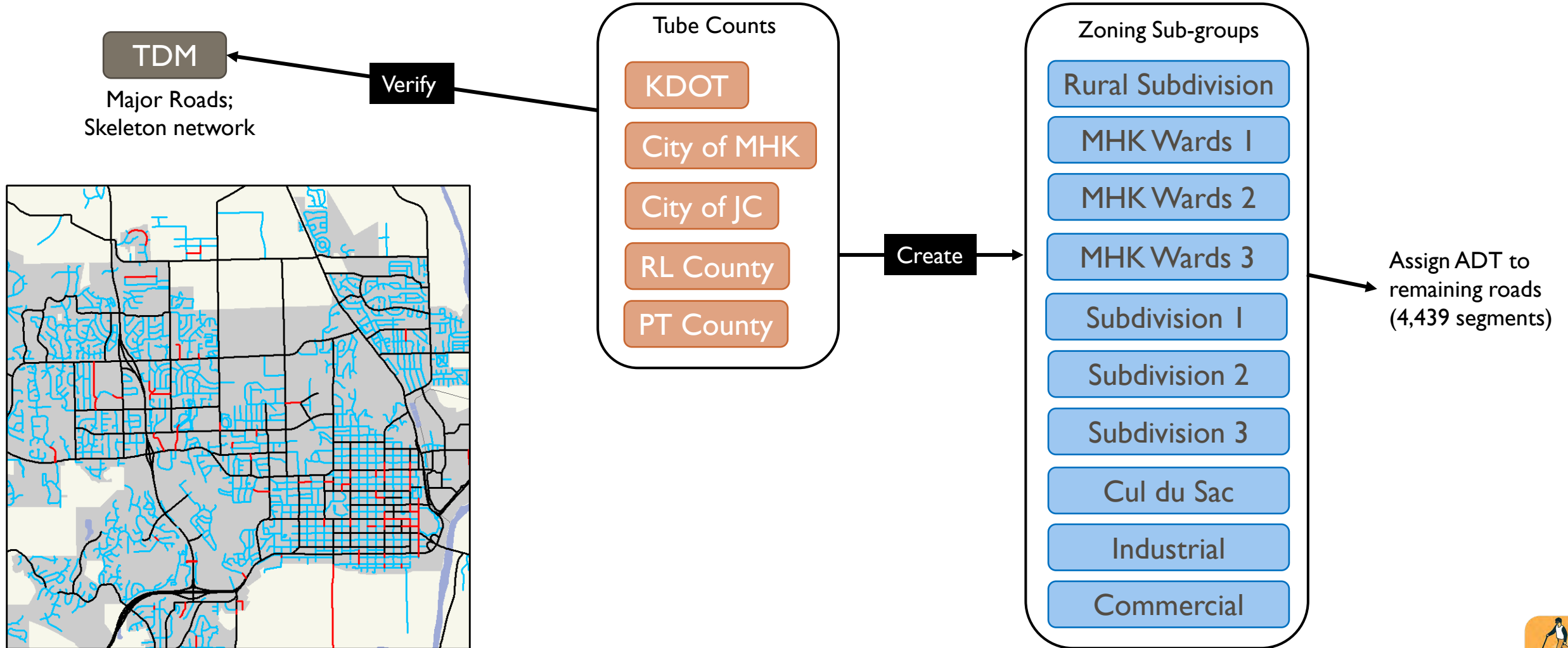
56%
Reduction

73%
Reduction

APPENDIX A

CALCULATING VMT

1. Calculate ADT for all Road Segments



APPENDIX A

CALCULATING VMT

2. Calculate VMT from ADT for all Road Segments

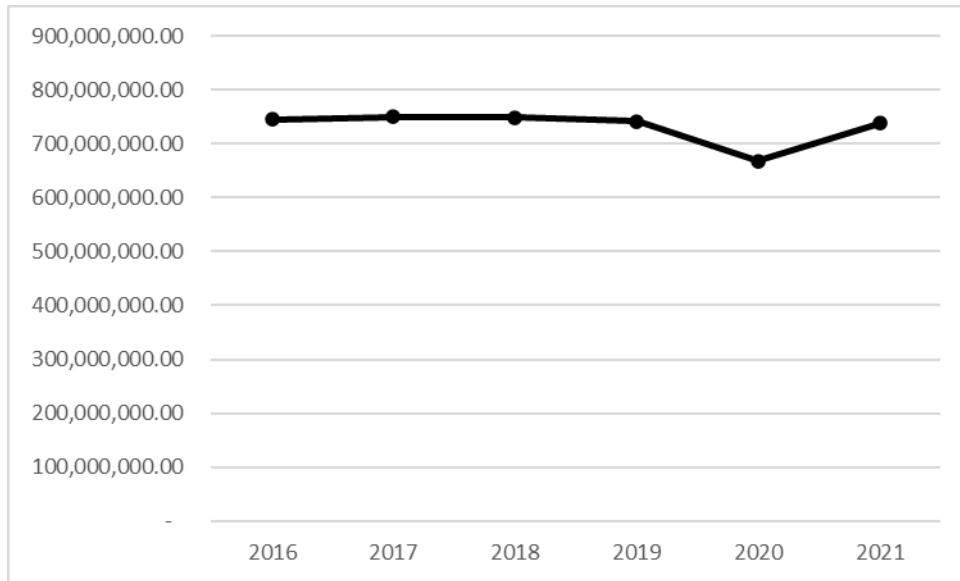
$$\left(\text{Road Length (ft)} \div 5280 \right) \times \text{ADT} = \text{Daily VMT}$$
$$\times 365$$
$$=$$

Annual VMT

2016 VMT: 744,949,486



2021 VMT: 738,160,316



Annual % change based on KDOT data





PAVEMENT & BRIDGE CONDITION PERFORMANCE MEASURES

2023



FHWA'S 8 PAVEMENT & BRIDGE CONDITION PERFORMANCE MEASURES



Data Source:
KDOT

- 1 % of Interstate pavements in GOOD condition
- 2 % of Interstate pavements in POOR condition
- 3 % of Non-Interstate NHS pavements in GOOD condition
- 4 % of Non-Interstate NHS pavements in POOR condition



Data Source:
KDOT

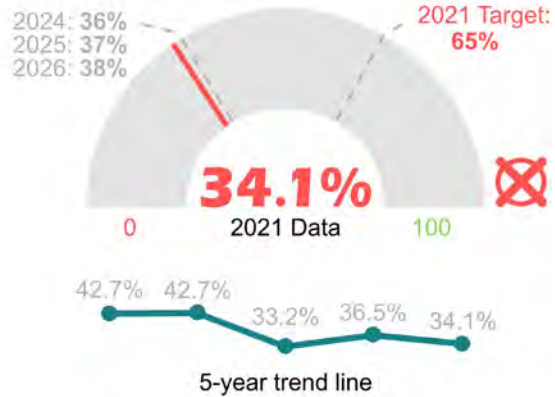
- 5 % of NHS bridges by deck area classified as in GOOD condition
- 6 % of NHS bridges by deck area classified as in POOR condition
- 7 % of Non-NHS bridges by deck area classified as in GOOD condition
- 8 % of Non-NHS bridges by deck area classified as in POOR condition





PAVEMENT CONDITIONS: SUMMARY

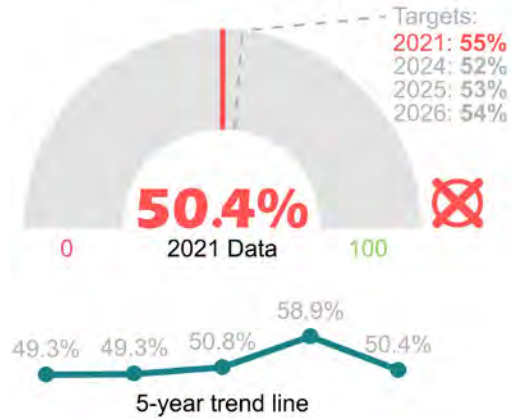
PM 1: % of Interstate Pavement in Good Condition



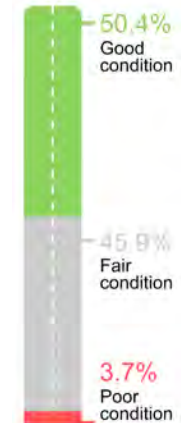
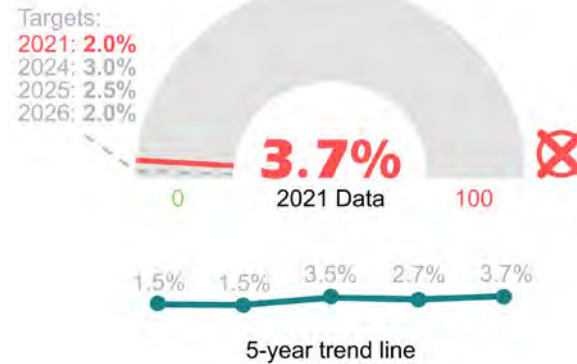
PM 2: % of Interstate Pavement in Poor Condition



PM 3: % of Non-Interstate Pavement in Good Condition



PM 4: % of Non-Interstate Pavement in Poor Condition





BRIDGE CONDITIONS: SUMMARY

PM 5: % of NHS Bridges in Good Condition



PM 6: % of NHS Bridges in Poor Condition



PM 7: % of Non-NHS Bridges in Good Condition



PM 8: % of Non-NHS Bridges in Poor Condition





BACKGROUND ON PAVEMENT CONDITIONS

- Pavement condition is evaluated by measuring International Roughness Index (IRI), Present Serviceability Index (PSR), Cracking Percent, Rutting, and Faulting (uneven slabs of concrete). See the figure to view the pavement thresholds for good, fair, and poor.
- *2016 was the first year of reported data to comply with federal requirements – Data provided by the Kansas Department of Transportation (KDOT).



§ 490.311 Metric Thresholds in Final Rule

Rating	Good	Fair	Poor
IRI <i>(inches/mile)</i>	<95	95-170	>170
PSR* <i>(0.0-5.0 value)</i>	≥4.0	2.0-4.0	≤2.0
Cracking Percent <i>(%)</i>	<5	CRCP: 5-10 Jointed: 5-15 Asphalt: 5-20	>10 >15 >20
Rutting <i>(inches)</i>	<0.20	0.20-0.40	>0.40
Faulting <i>(inches)</i>	<0.10	0.10-0.15	>0.15

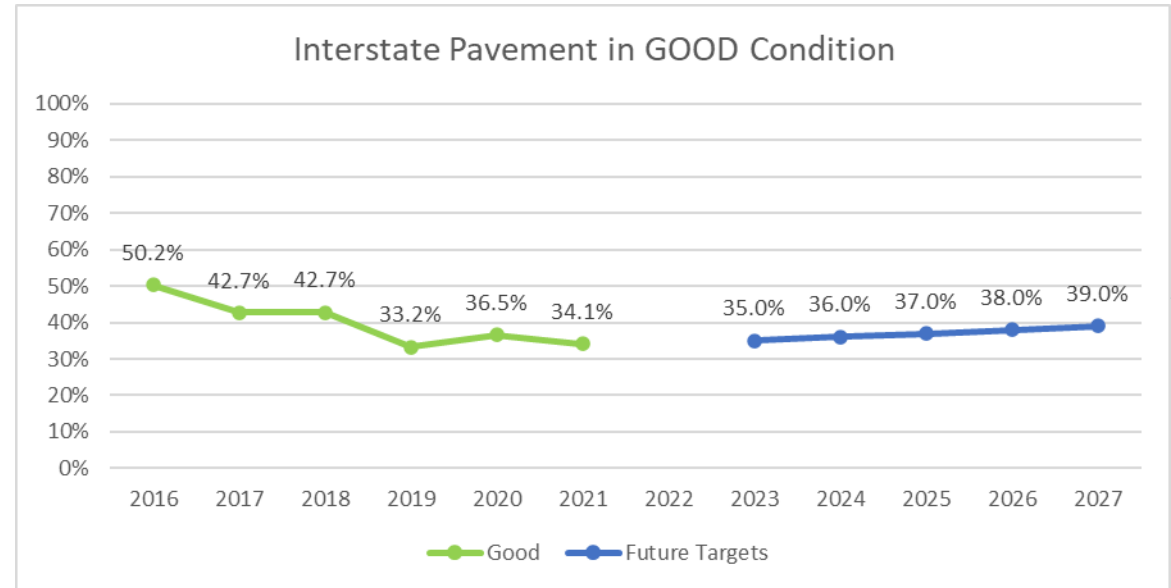
*PSR may be used only on routes with posted speed limit < 40mph.





TARGET ①: % OF INTERSTATE PAVEMENTS IN GOOD CONDITION

Year	% in Good Condition	Target
2016	50.2%	
2017	42.7%	
2018	42.7%	50%
2019	33.2%	55%
2020	36.5%	60%
2021	34.1%	65%
2022		-
2023		35.0%
2024		36.0%
2025		37.0%
2026		38.0%
2027		39.0%

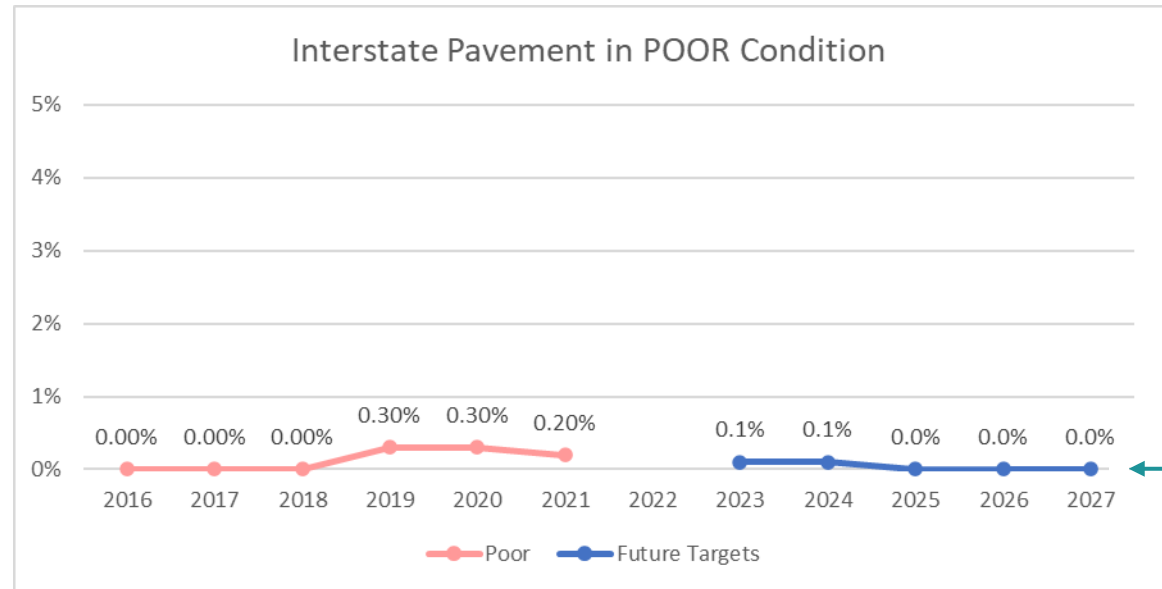




TARGET ②: % OF INTERSTATE PAVEMENTS IN POOR CONDITION

Year	% in Poor Condition	Target
2016	0.0%	
2017	0.0%	
2018	0.0%	0%
2019	0.3%	0%
2020	0.3%	0%
2021	0.2%	0%
2022		-
2023		0.1%
2024		0.1%
2025		0.1%
2026		0.0%
2027		0.0%


Off Target

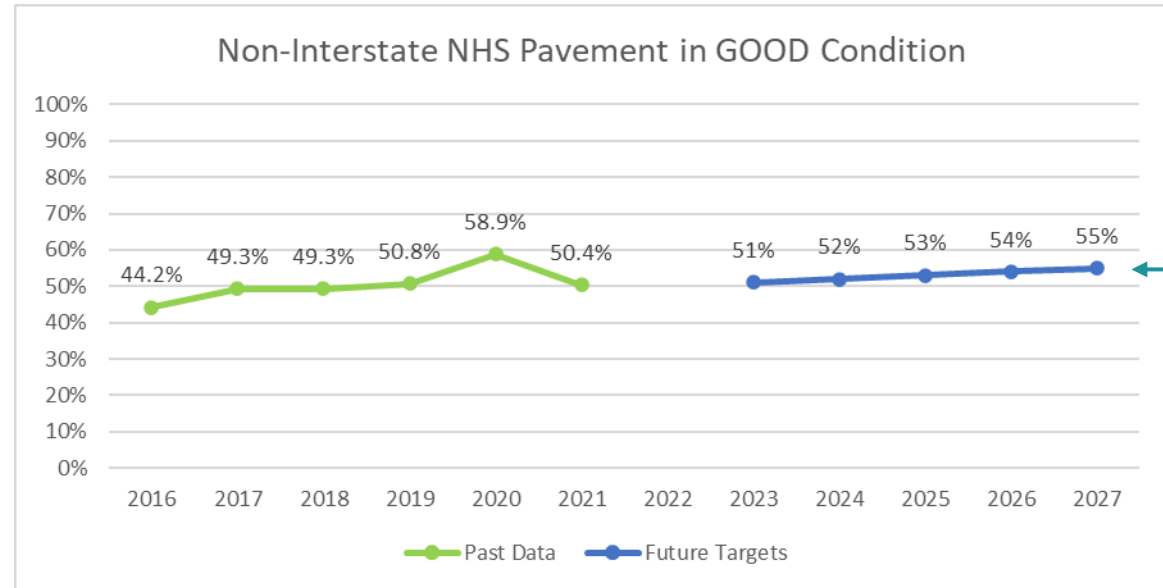




TARGET 3: % OF NON-INTERSTATE NHS PAVEMENTS IN GOOD CONDITION

Year	% in Good Condition	Target
2016	44.2%	
2017	49.3%	
2018	49.3%	
2019	50.8%	
2020	58.9%	
2021	50.4%	55%
2022		-
2023		51%
2024		52%
2025		53%
2026		54%
2027		55%


Off Target

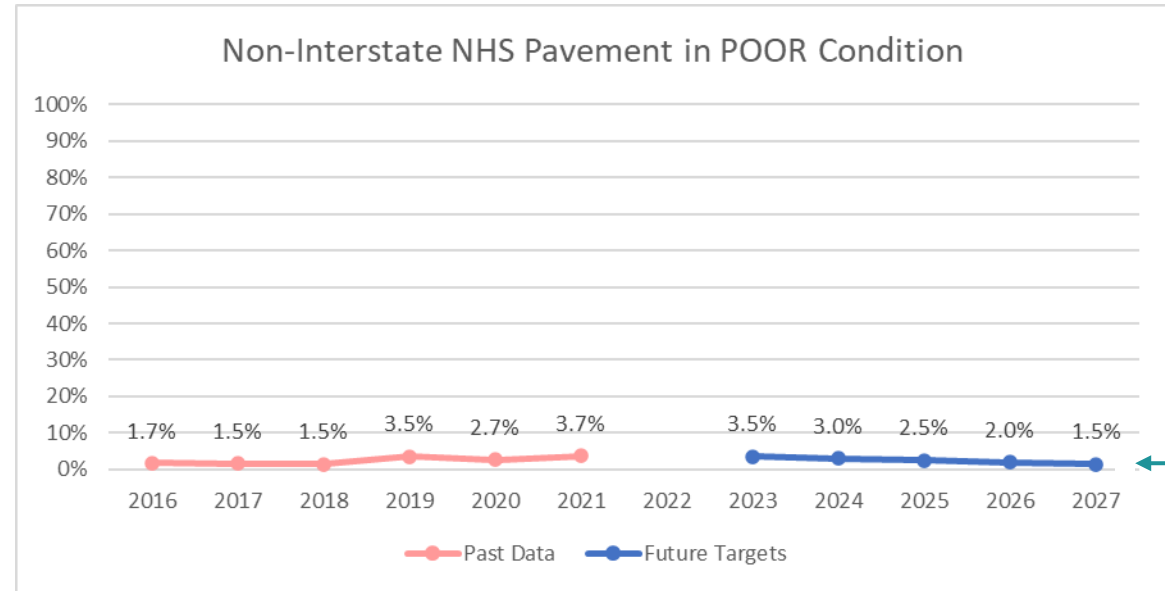




TARGET 4: % OF NON-INTERSTATE NHS PAVEMENTS IN POOR CONDITION

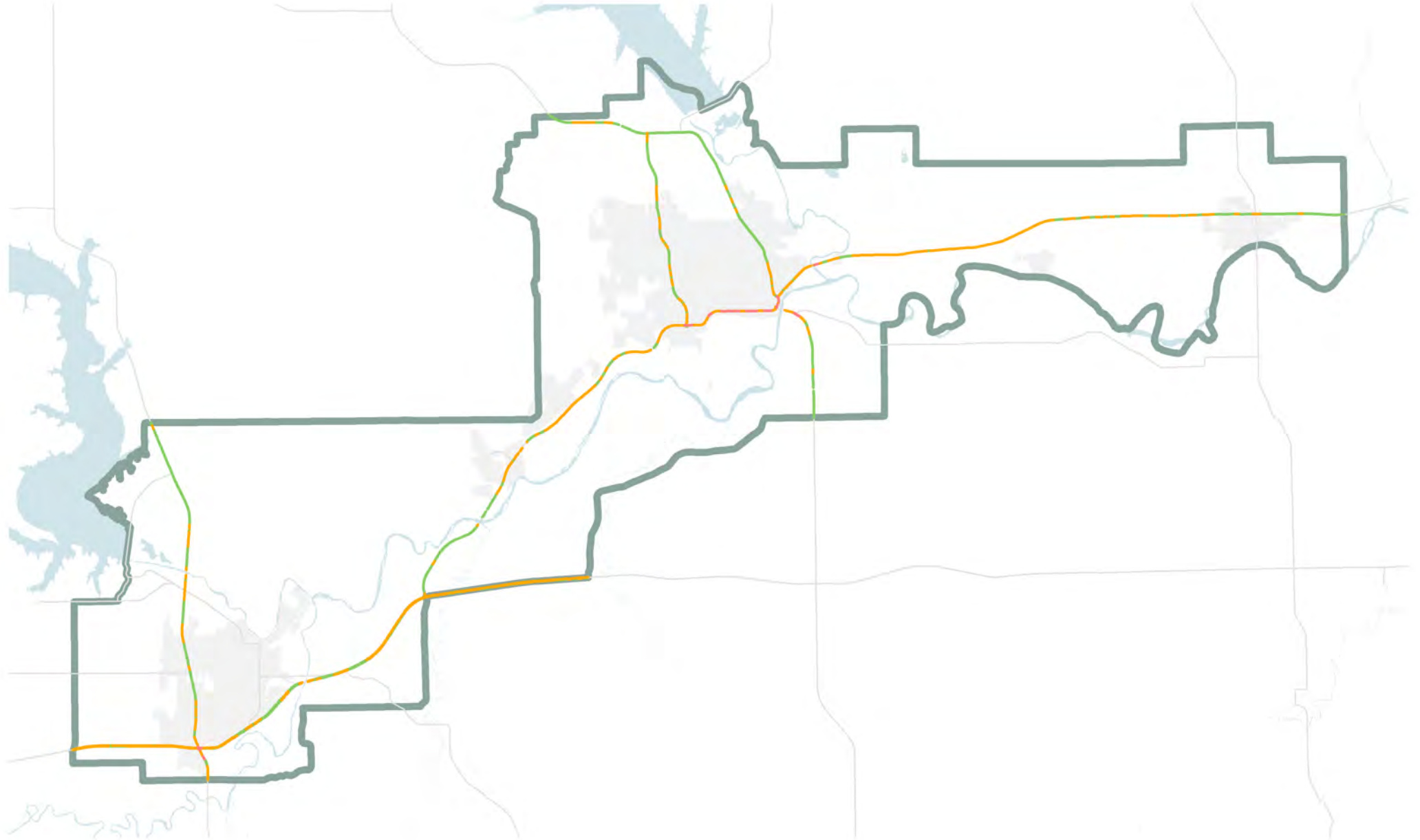
Year	% in Poor Condition	Target
2016	1.7%	
2017	1.5%	
2018	1.5%	
2019	3.5%	
2020	2.7%	
2021	3.7%	2%
2022		-
2023		3.5%
2024		3.0%
2025		2.5%
2026		2.0%
2027		1.5%


Off Target





PAVEMENT CONDITIONS: ALL NHS ROADWAYS





BACKGROUND ON BRIDGE CONDITIONS

- The Federal government (FHWA) is moving towards utilizing a new metric to evaluate bridges. This metric includes the deck, superstructure, and substructure. The rating is then weighted based on the deck area.

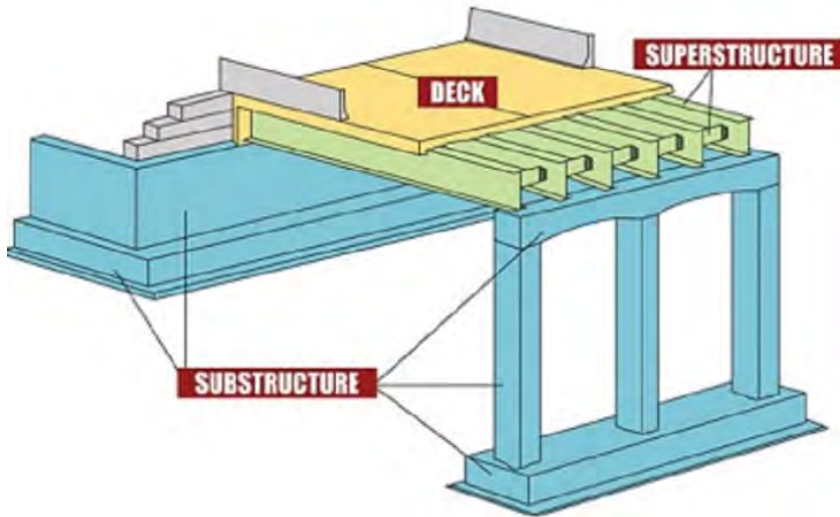


Bridge deck area is the percent of deck area classified as good and poor, using National Bridge Inventory (NBI) condition ratings for Deck, Superstructure, Substructure, and Culvert. Condition is determined by the lowest rating of these items. If the lowest rating is greater than or equal to 7, the bridge is classified as good; if it is less than or equal to 4, the bridge is classified as poor. Deck area is computed using NBI Structure Length and Deck Width or Approach Roadway Width (for some culverts). (Bridges rated below 7 but above 4 will be classified as fair.) See the figures below to view bridge components and the bridge condition thresholds for good, fair, and poor. Data provided by the Kansas Department of Transportation (KDOT).



§ 490.409 Metric Thresholds

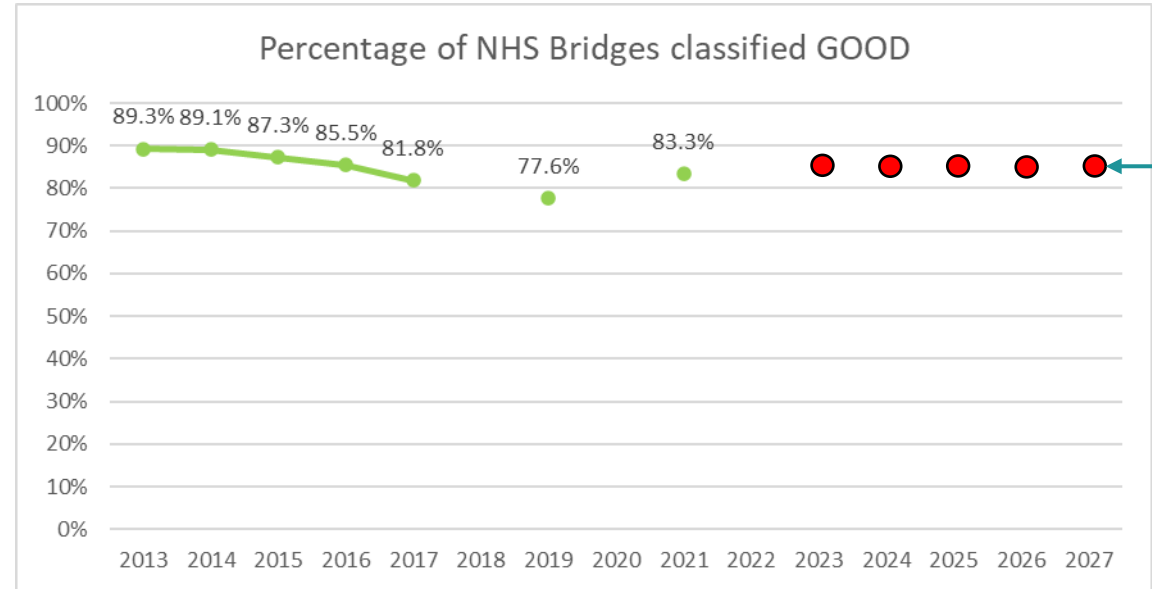
NBI Rating Scale <i>(from 0 – 9)</i>	9	8	7	6	5	4	3	2	1	0
	Good			Fair		Poor				
Deck <i>(Item 58)</i>	≥ 7			5 or 6		≤ 4				
Superstructure <i>(Item 59)</i>	≥ 7			5 or 6		≤ 4				
Substructure <i>(Item 60)</i>	≥ 7			5 or 6		≤ 4				
Culvert <i>(Item 62)</i>	≥ 7			5 or 6		≤ 4				





TARGET 5: % OF NHS BRIDGES BY DECK AREA CLASSIFIED AS IN GOOD CONDITION

Year	% in Good Condition	Target
2017	81.8%	
2019	77.6%	
2020	-	
2021	83.3%	70
2022		-
2023		85%
2024		85%
2025		85%
2026		85%
2027		85%

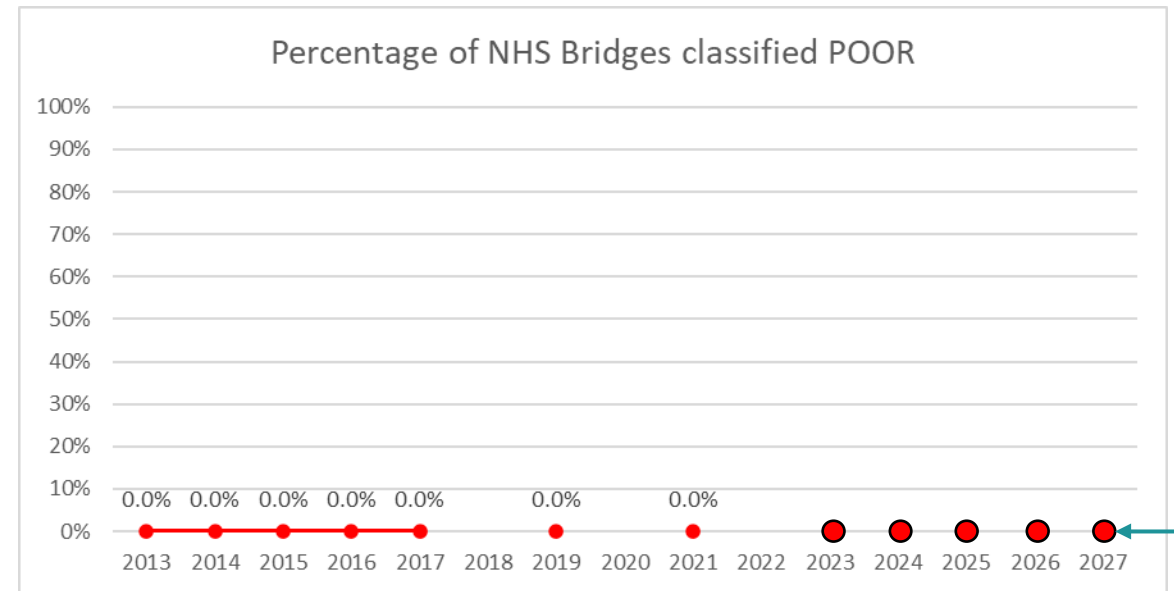




TARGET 6: % OF NHS BRIDGES BY DECK AREA CLASSIFIED AS IN POOR CONDITION

Year	% in Poor Condition	Target
2017	0.0%	
2019	0.0%	
2020	-	
2021	0.0%	0
2022		-
2023		0%
2024		0%
2025		0%
2026		0%
2027		0%


On Target

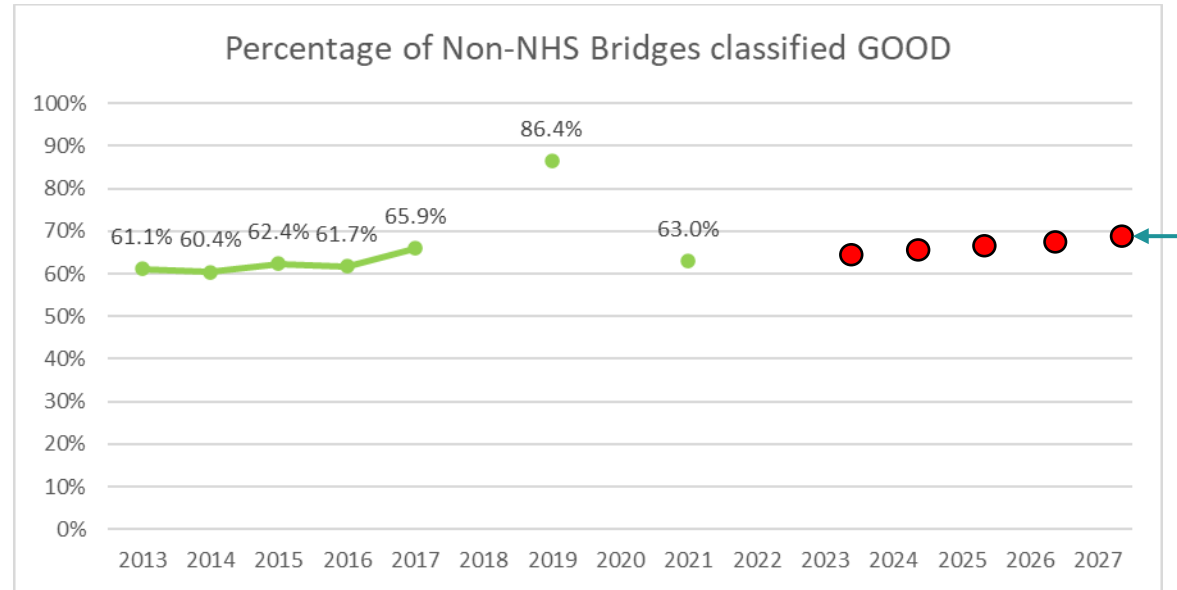




TARGET 7: % OF NON-NHS BRIDGES BY DECK AREA CLASSIFIED AS IN GOOD CONDITION

Year	% in Good Condition	Target
2017	65.9%	
2019	86.4%	
2020	-	
2021	63.0%	69
2022		-
2023		65%
2024		66%
2025		67%
2026		68%
2027		69%

X
Off Target

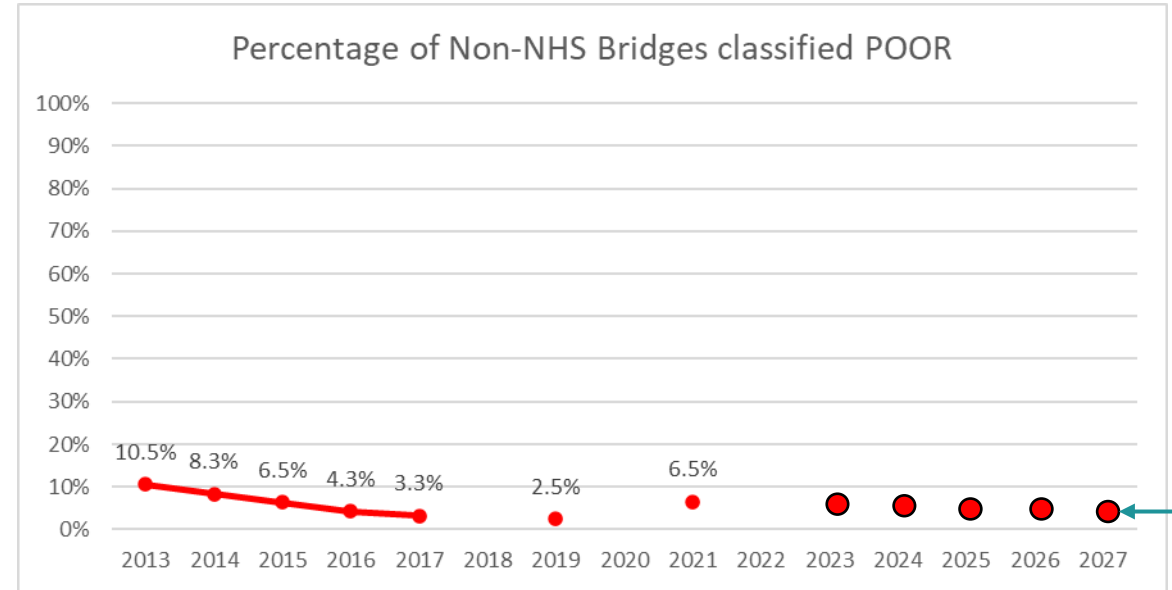




TARGET 8: % OF NON-NHS BRIDGES BY DECK AREA CLASSIFIED AS IN POOR CONDITION

Year	% in Poor Condition	Target
2017	3.3%	
2019	2.5%	
2020	-	
2021	6.5%	3
2022		-
2023		6%
2024		6%
2025		5%
2026		5%
2027		4%


Off Target

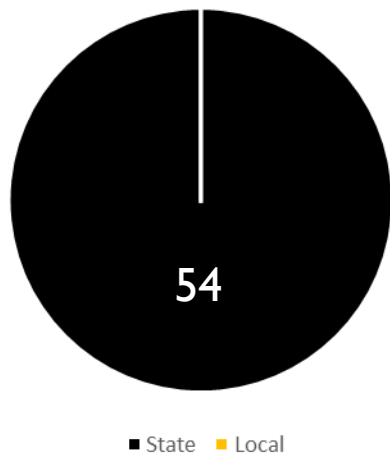




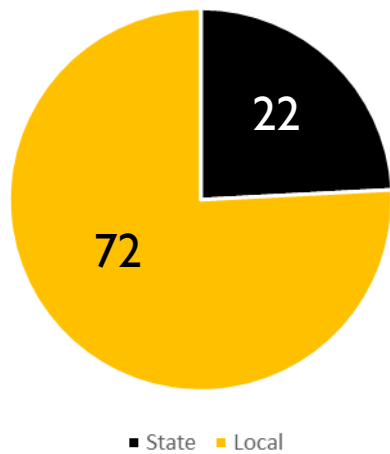
BRIDGES CONDITION DETAILS

MPO Region:
148
Bridges

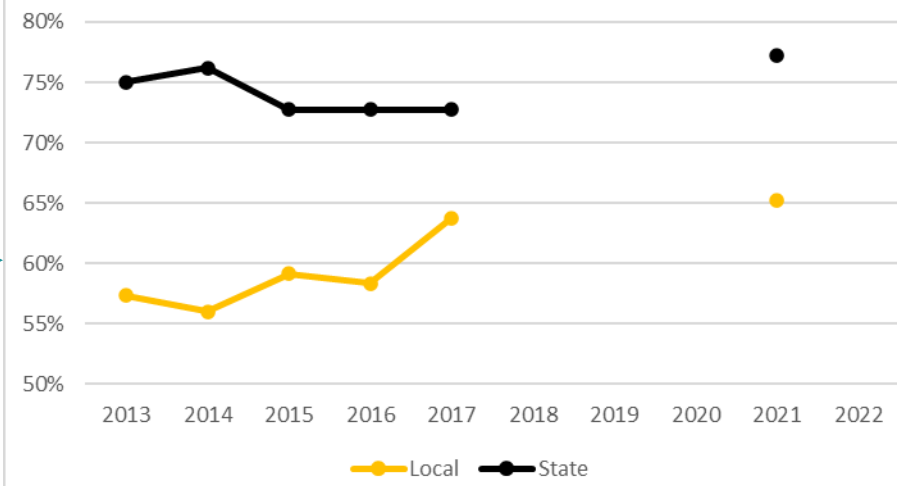
Bridge Ownership: NHS



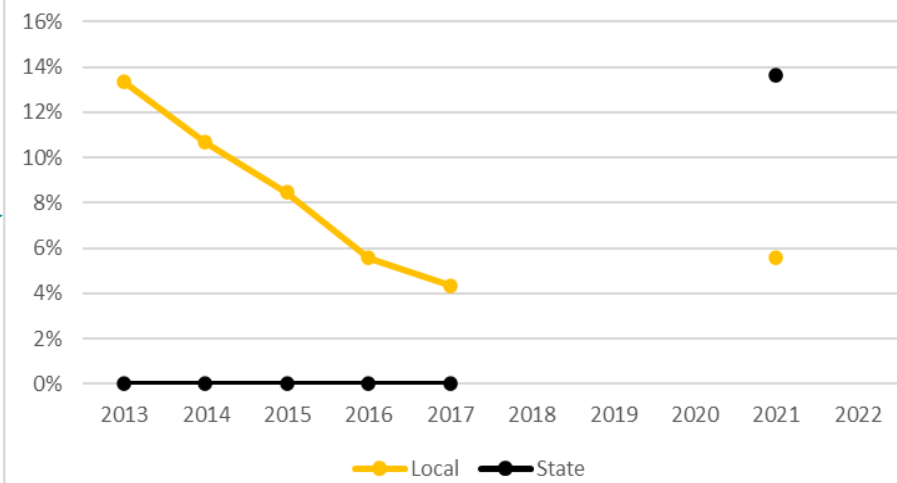
Bridge Ownership: non-NHS



Non-NHS Bridges classified GOOD by Owner

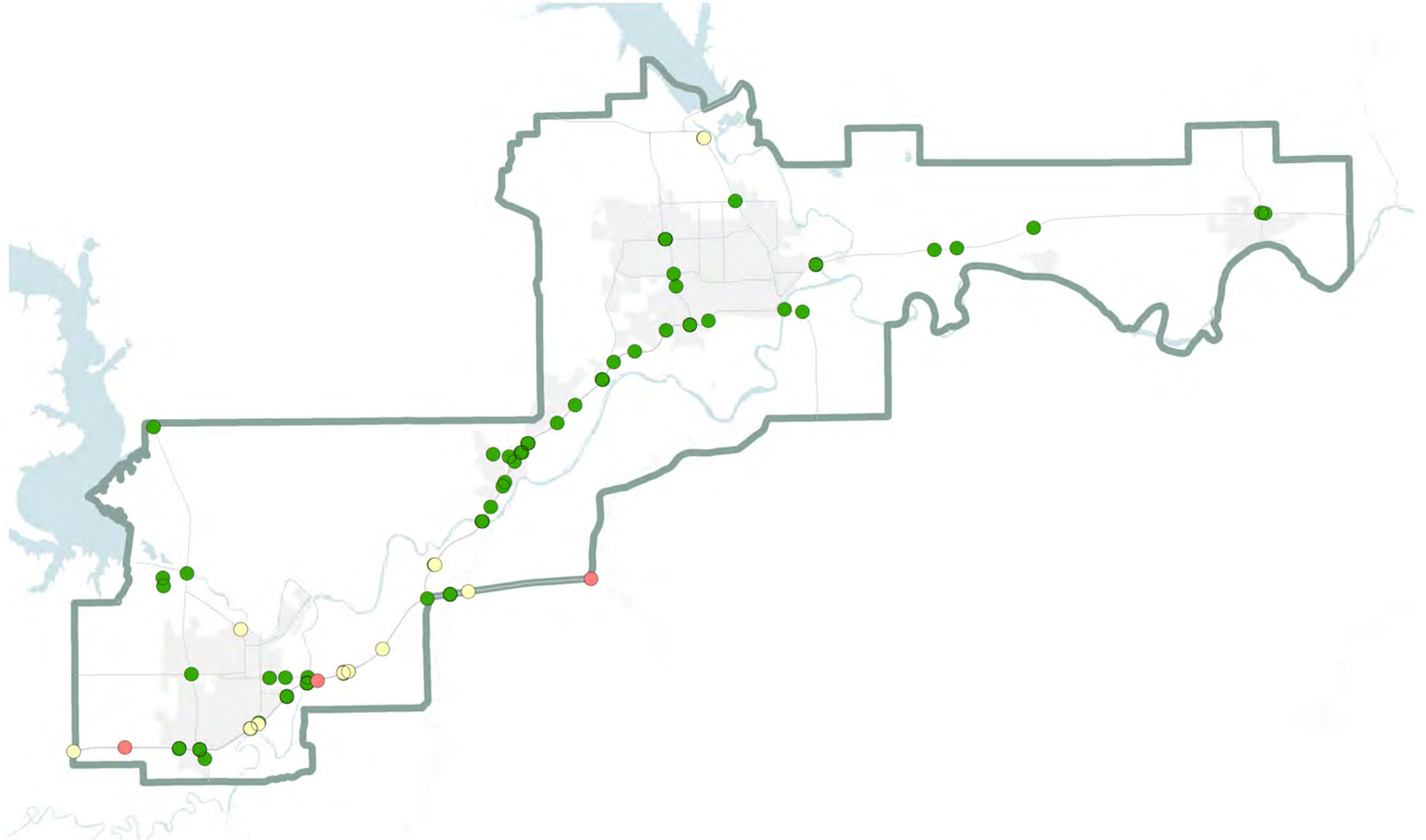


Non-NHS Bridges classified POOR by Owner



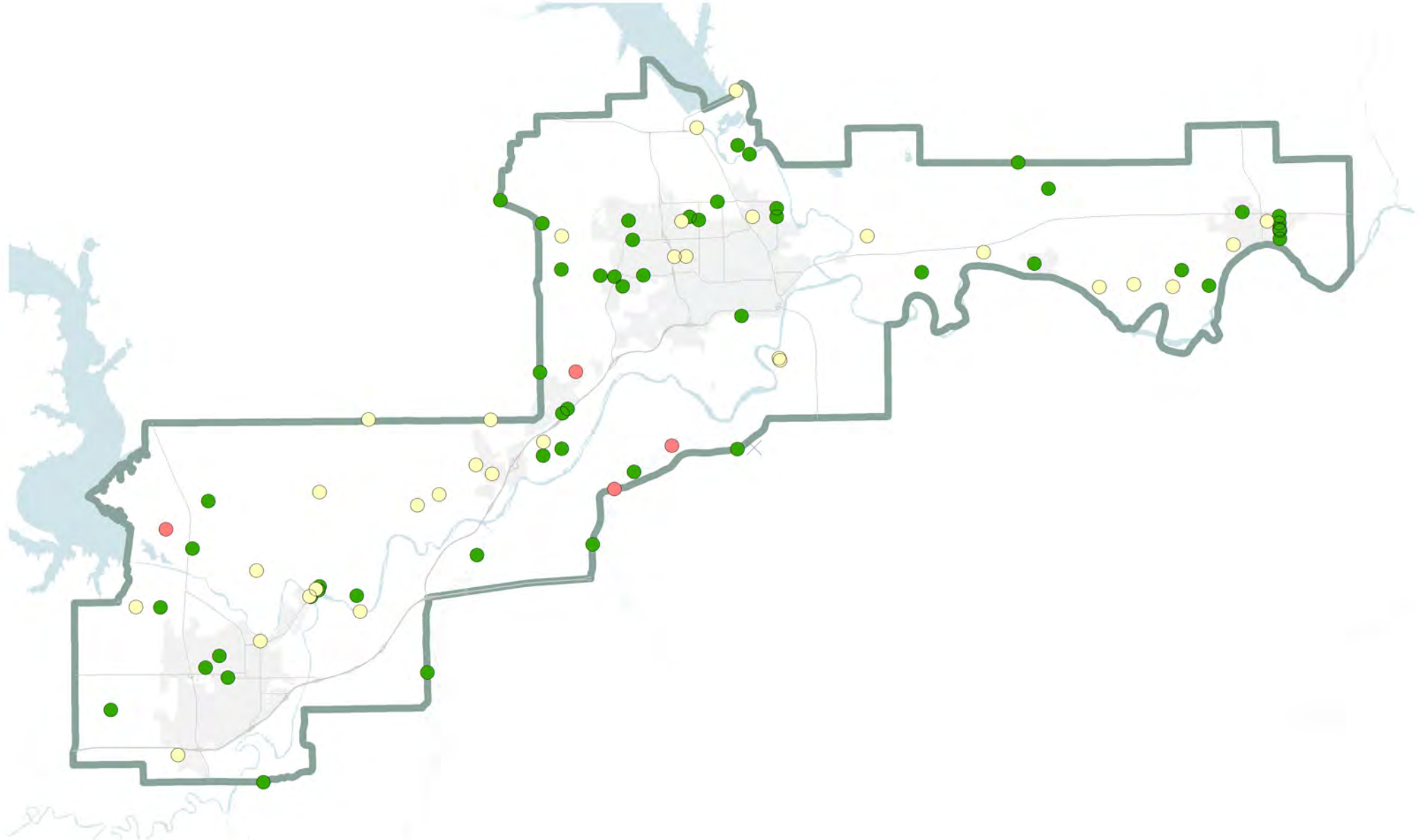


BRIDGES DETAILS: KDOT BRIDGES





BRIDGES DETAILS: LOCAL & OTHER BRIDGES





SYSTEM RELIABILITY & FREIGHT MOVEMENT PERFORMANCE MEASURES

2023



FHWA'S 3 SYSTEM RELIABILITY & FREIGHT MOVEMENT PERFORMANCE MEASURES



Data Source: RITIS

- 1 Interstate Travel Time Reliability Measure (TTRM):
% of person-miles traveled on the Interstate that are reliable
- 2 Non-Interstate Travel Time Reliability Measure (NTTRM):
% of person-miles traveled on the Non-Interstate NHS that are reliable



Data Source:
RITIS

- 1 Interstate Freight Reliability Measure:
Truck Travel Time Reliability (TTTR) Index





SYSTEM RELIABILITY & FREIGHT MOVEMENT: SUMMARY

PM 1: % of Person-Miles Traveled on Interstate with Reliable Travel Time



PM 2: % of Person-Miles Traveled on the NHS with a Reliable Travel Time



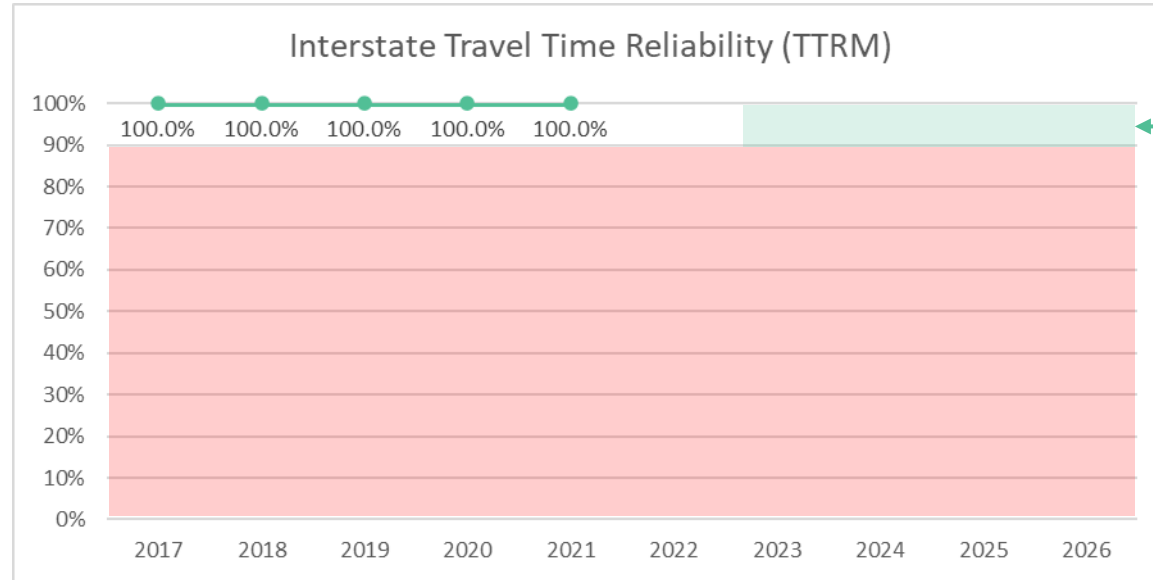
PM 3: Truck Travel Time Reliability (TTTR) Index on our Interstate System





TARGET ①: INTERSTATE TRAVEL TIME RELIABILITY MEASURE (TTRM)

Year	TTRM	Target
2017	100.0%	
2018	100.0%	
2019	100.0%	
2020	100.0%	
2021	100.0%	>90%
2022		-
2023		>90%
2024		>90%
2025		>90%
2026		>90%

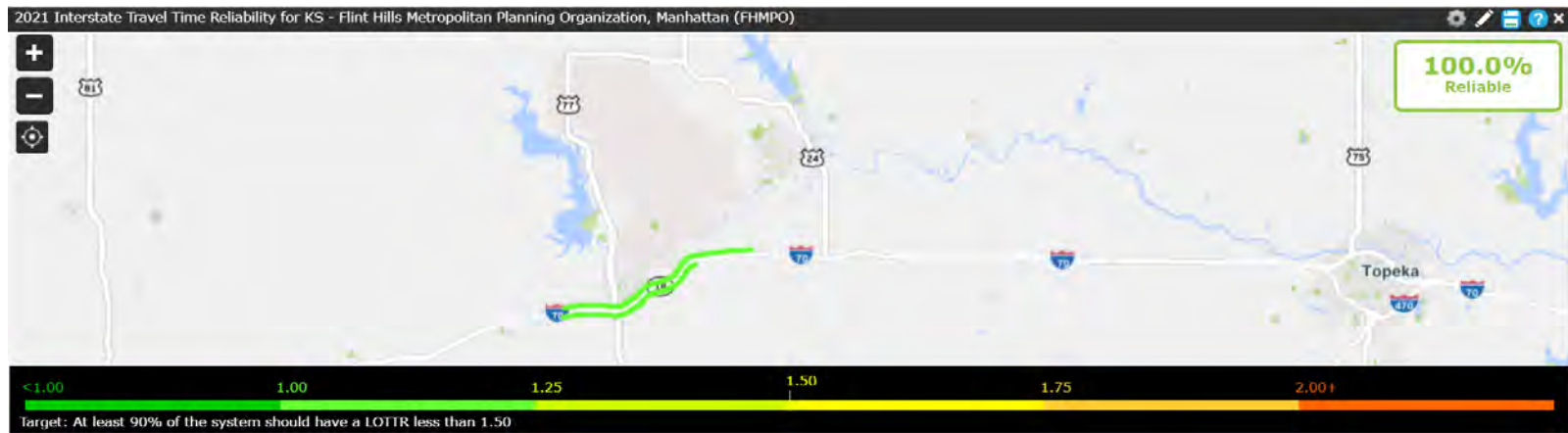




TARGET 1: INTERSTATE TRAVEL TIME RELIABILITY MEASURE (TTRM)



Calculated using 100.00% of miles in Flint Hills Metropolitan Planning Organization
Data source: NPMRDS INRIX



Calculated using 100.00% of miles in Flint Hills Metropolitan Planning Organization
Totals: 208262507.1975/208262507.1975
Data source: NPMRDS INRIX



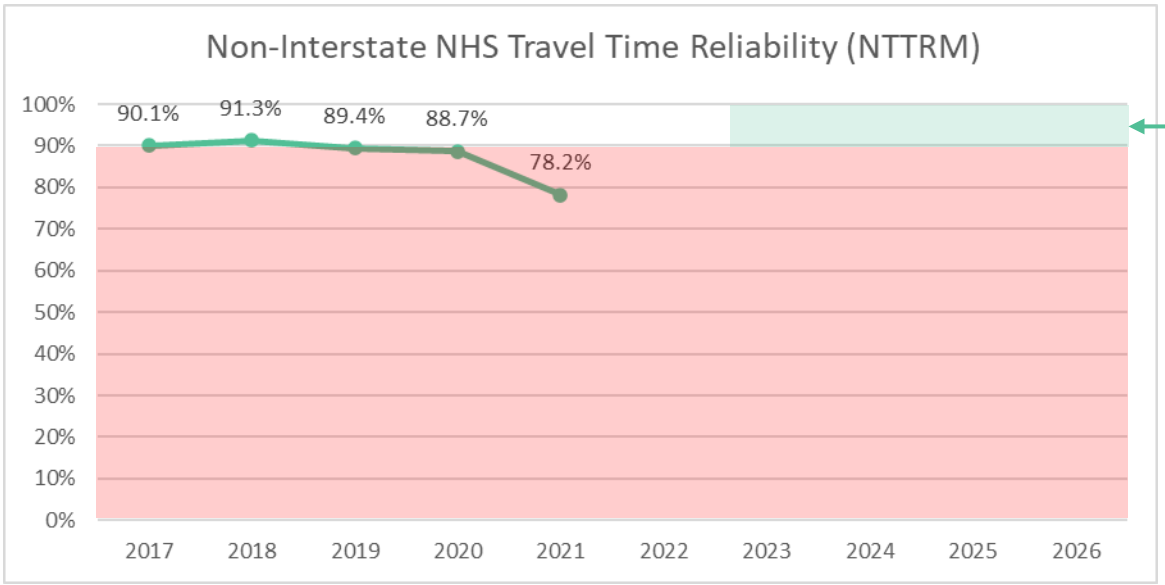


TARGET ②: NON-INTERSTATE TRAVEL TIME RELIABILITY MEASURE (NTTRM)

Year	NTTRM	Target
2017	90.1%	
2018	91.3%	
2019	89.4%	
2020	88.7%	
2021	78.2%	>90%
2022		-
2023		>90%
2024		>90%
2025		>90%
2026		>90%

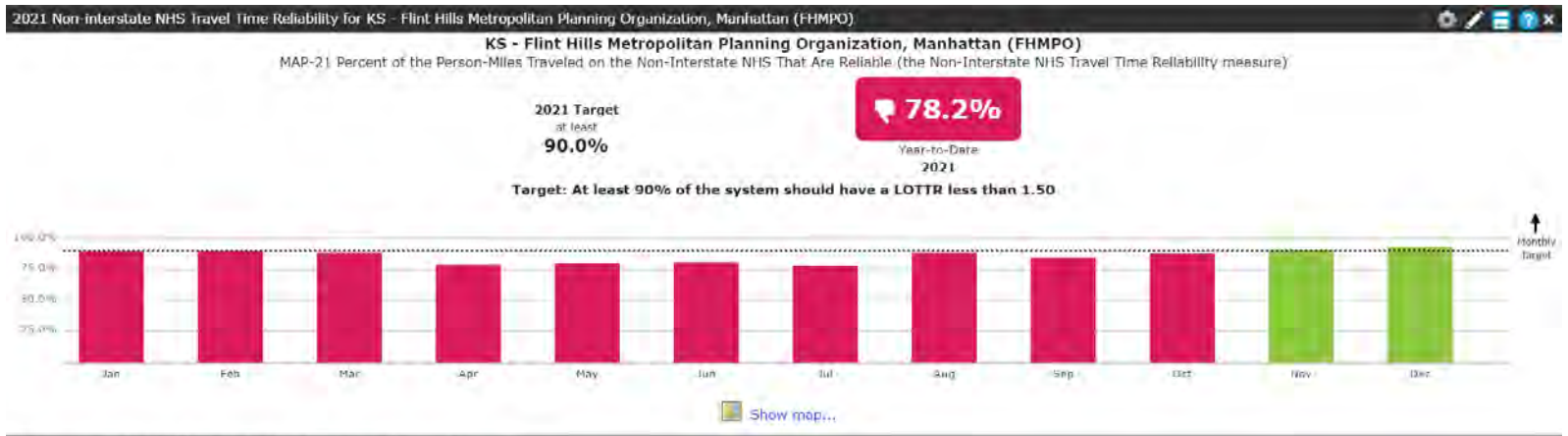


Off Target

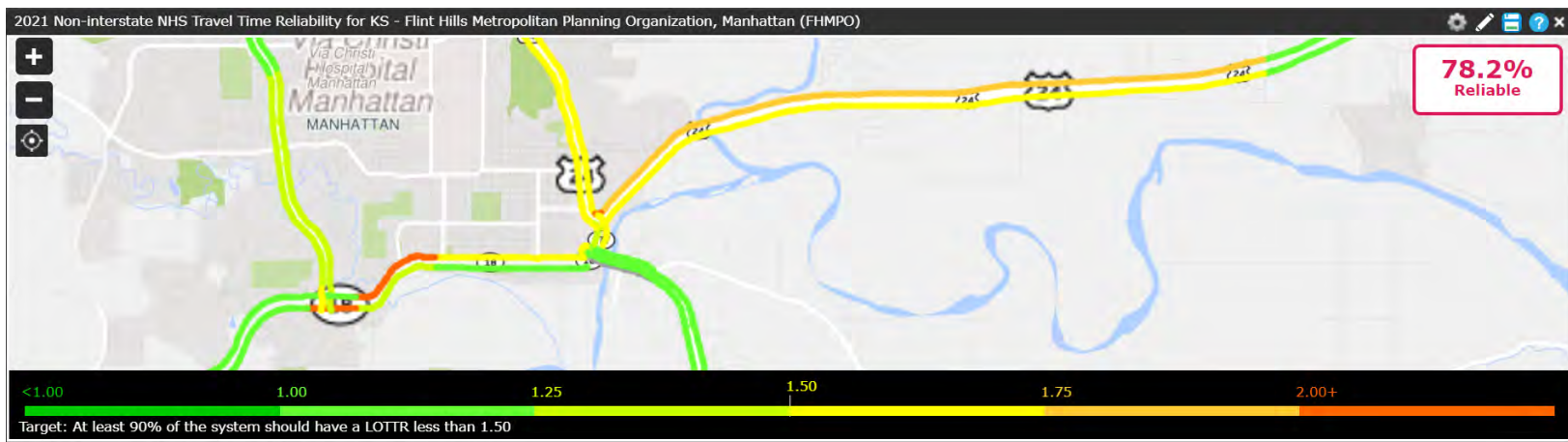




TARGET ②: NON-INTERSTATE TRAVEL TIME RELIABILITY MEASURE (NTTRM)



Calculated using 99.64% of miles in Flint Hills Metropolitan Planning Organization
Data source: NPMRDS INRIX



Calculated using 99.64% of miles in Flint Hills Metropolitan Planning Organization
Totals: 419838581.8135/536696821.25
Data source: NPMRDS INRIX

Wildcat Creek Bridge Construction

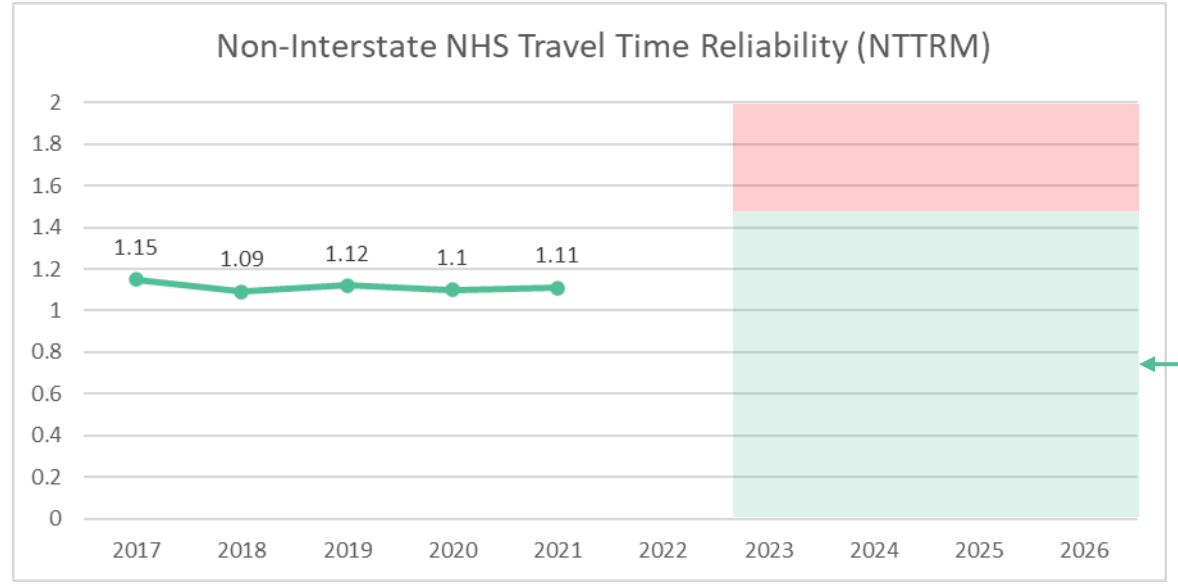
US24 @ Green Valley Rd Construction





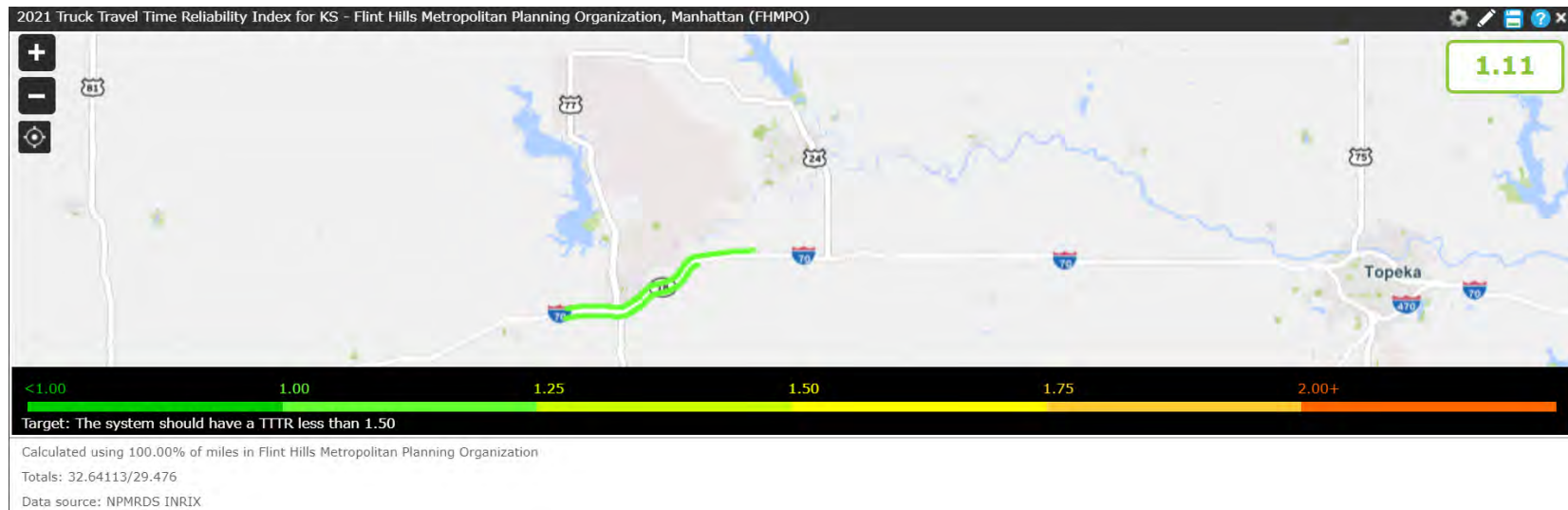
TARGET ①: INTERSTATE FREIGHT RELIABILITY MEASURE (TTTR)

Year	TTTR	Target
2017	1.15	
2018	1.09	
2019	1.12	
2020	1.10	
2021	1.11	<1.50
2022		-
2023		<1.50
2024		<1.50
2025		<1.50
2026		<1.50





TARGET 1: INTERSTATE FREIGHT RELIABILITY MEASURE (TTTR)





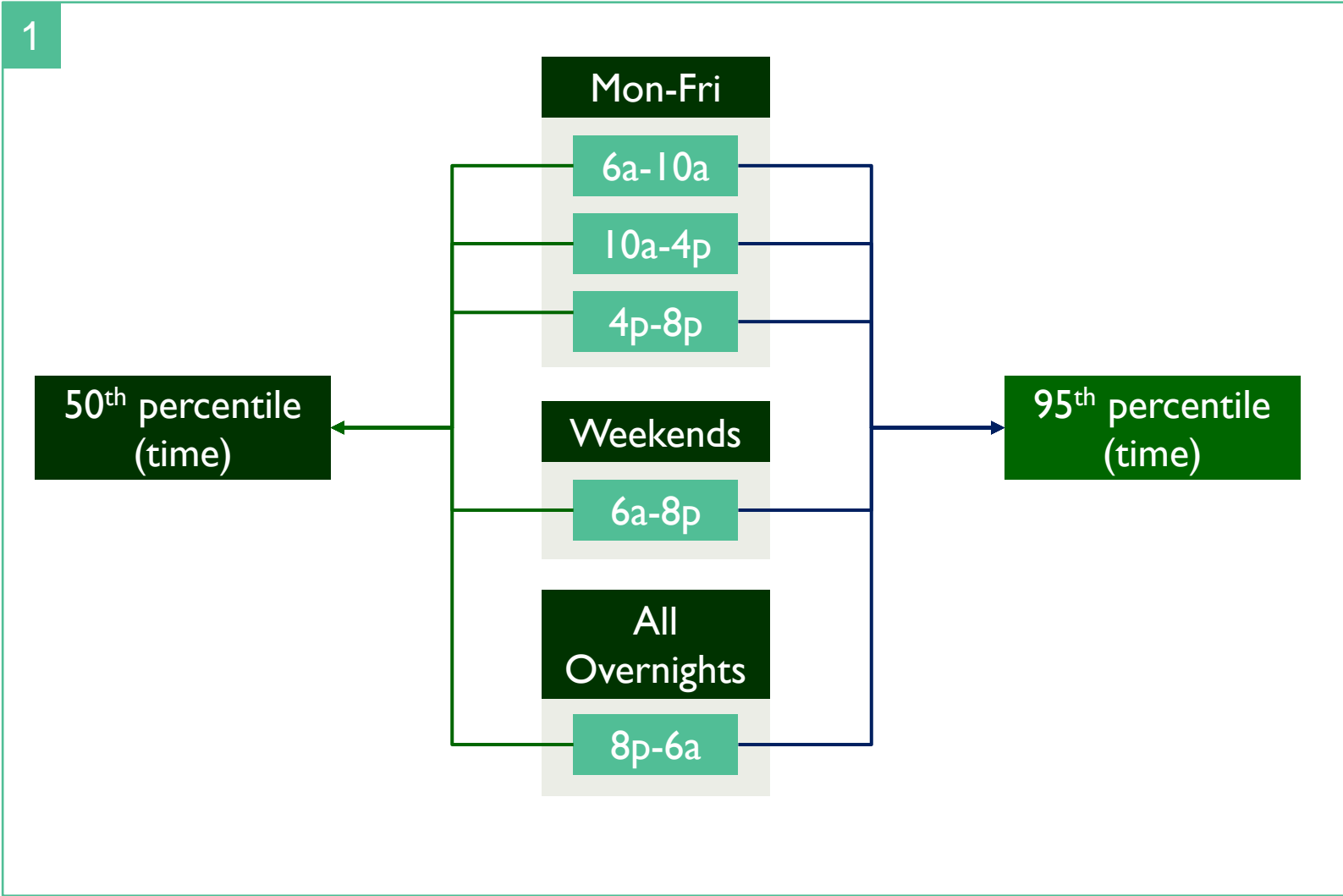
BACKGROUND ON SYSTEM RELIABILITY & FREIGHT MANAGEMENT

- System Reliability & Freight Management data are monitored and aggregated via the Regional Integrated Transportation Information System (RITIS). RITIS is a web-based database with multiple interfaces including graphs and maps.
- FHMPO staff has access to this data and has an account based upon the 2017 FHMPO boundary. RITIS data is monitored on the Interstate and Non-Interstate NHS systems.





TRUCK TRAVEL TIME RELIABILITY INDEX (TTTR)



2

$$\frac{95^{\text{th}} \text{ percentile}}{50^{\text{th}} \text{ percentile}} = \text{TTTR}$$

The equation shows the 95th percentile divided by the 50th percentile, with an equals sign followed by 'TTTR' in a red rounded rectangle.





Flint Hills Metropolitan Planning Organization

206 Southwind Place, Suite 2B | Manhattan, KS | 66503
785.620.3070 | FHMPO@FlintHillsMPO.org
www.FlintHillsMPO.org

Technical Advisory Committee Meeting

Wednesday, April 5, 2023

1:00 pm

In Person:

City Commission Room
City Hall
1101 Poyntz Ave
Manhattan, KS 66502

Virtual:

Zoom meeting
Meeting ID: 919 154 6755

1. Welcome & Introductions
2. Public Comment Opportunity (for items not on the agenda)
3. Staff Updates
4. KDOT Update: Available on KDOT's website, [here](#).
5. **ACTION ITEM:** Approve January 4, 2023 Meeting Minutes
6. **ACTION ITEM:** Recommend approval of Connect 2040 Amendment #3
7. **ACTION ITEM:** Recommend approval of 2022 Transportation Improvement Program (TIP) Amendment #5
8. **DISCUSSION ITEM:** EV Readiness Study
9. **Adjournment by Chair**

Next meeting scheduled for May 3, 2023



Flint Hills Metropolitan Planning Organization

206 Southwind Place, Suite 2B | Manhattan, KS | 66503
 785.620.3070 | FHMPO@FlintHillsMPO.org
 www.FlintHillsMPO.org

**Technical Advisory Committee
 Meeting Minutes**

Wednesday, January 4, 2023 at 1:00 pm

In Person:

City Commission Room
 City Hall
 1101 Poyntz Ave
 Manhattan, KS 66502

Virtual:

Zoom meeting
 Meeting ID: 919 154 6755

Voting Members Present		
x	Corey Trumpp	Geary Co. Public Works
x	Ray Ibarra (Vice-Chair)	Junction City Public Works
	Troy Livingston	Junction City/Geary County Zoning
x	Stephan Metzger	Pottawatomie Co. Public Works
	Casey Frisbie	Wamego Public Works
	Gregg Webster	Pottawatomie County Zoning
	Ken Stein	Wamego Zoning
X	Amanda Webb	Riley County Planning
x	Karen Becker (Alt)	Manhattan Public Works
	John Ellerman	Riley County Public Works
X	John Adam (Alt)	Manhattan Community Development
X	Ryne Dowling	Kansas Dept. of Transportation
X	Anne Smith	Flint Hills aTa Bus
x	Jeff Barnes	K-State Transportation Services

Non-Voting Members Present		
	Cecelie Cochran	Federal Highway Admin.
	Kelley Paskow	Fort Riley
	Eva Steinman	Federal Transit Admin.
	Angela Schnee	City of Ogden
	Vacant	City of Grandview Plaza
	Ben Wheeler	City of St. George

Staff Present	
x	Jared Tremblay

Members of the Public Present	

1. Welcome & Introductions

- Ray Ibarra, Vice Chairperson, called the meeting to order at 1:03pm.

2. Public Comment Opportunity

- There were no public comments.

3. Staff Updates

4. KDOT Update

5. ACTION ITEM: Election of Chair and Vice-Chair

- The Vice-Chair, Ray Ibarra, called for nominations.
- Anne Smith nominated Ray Ibarra for Chairperson. Stephan Metzger seconded. The motion passed unanimously
- Anne Smith nominated Karen Becker for Vice-Chair. John Adam seconded. The motion passed unanimously

6. ACTION ITEM: Approve December 7, 2022 Meeting Minutes

- John Adam motioned for the approval of the minutes. Anne Smith seconded. The motion passed unanimously.

7. ACTION ITEM: Recommend approval of 2023 Safety Performance Measures Report and Targets

- Jared Tremblay provided a walk-through and explanation of the 5 performance measures, noting that the region is not meeting any of the targets set in 2018 and 2020.
- Jared Tremblay stated that the new targets are meant to be more achievable and if met will represent positive movement in the road safety of the region.
- Stephan Metzger asked Mr. Tremblay why he felt fatalities and the rate of fatalities are increasing.
- Mr. Tremblay noted that the reports are too vague to specify detailed causes for each crash, but that the region is not alone. He shared that across the USA, despite lower VMT in 2020 and 2021, crashes and fatalities jumped. He also noted that starting in 2020, the MPO better analyzed the data from KDOT, detailing not just the number of fatal crashes, but the number of fatalities and serious injuries associated with each crash.
- Mr. Metzger asked specifically about the fatalities and crashes at K-18 and Scenic Dr.
- Mr. Tremblay noted that the three fatalities in the 2021 data were from one crash, and the other fatality was in a prior year. He also then showed the K-18 Before and After slides and the drastic reductions in crashes, serious injuries, and crashes since the reconstruction of K-18, specifically at intersections.
- Stephan Metzger motioned approval of the Safety Report and Jeff Barnes seconded. The motion passed unanimously.

8. ACTION ITEM: Recommend approval of 2023 Pavement & Bridge Condition Performance Measures Report and Targets

- Jared Tremblay provided an overview of the eight performance measures, noting that the region was on-track for several items. He noted how the data used in the previous report had limited years for data, specifically on road pavement condition, leading to in hindsight, unrealistic targets. He also noted that several projects on NHS and non-NHS roadways that were scheduled to be completed had been pushed back, and with their completion by 2026 should improve the overall score of the system. He specifically noted the reconstruction of I-70 near Junction City.
- Stephan Metzger motioned for approval of the report, and Corey Trumpp seconded. The motion passed unanimously.

9. ACTION ITEM: Recommend approval of 2023 System Reliability Performance Measures Report and Targets

- Jared Tremblay provided a walk-through of the report and the three performance measures, with the region on-target on two. He noted that Target 2 – Non-interstate time reliability measure was lower in 2021 than previous year and had since recovered. The key issue was the delay caused by construction of the Wildcat Creek bridges on K-18.
- Anne Smith motioned for approval with Stephan Metzger seconding. The motion passed unanimously.

10. Adjournment by Chair

- The Chair adjourned the meeting at 1:36p

Next meeting scheduled for February 1, 2023

Submission	Comment	Name	Community
Email	I am totally opposed to a slaughter house in Geary County which would harm our currently good environment	Charles	GE County



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Technical Advisory Committee Meeting

Wednesday, May 3, 2023
1:00 pm

In Person:

City Commission Room
City Hall
1101 Poyntz Ave
Manhattan, KS 66502

Virtual:

Zoom meeting
Meeting ID: 919 154 6755
Passcode: 148813

1. Welcome & Introductions
2. Public Comment Opportunity (for items not on the agenda)
3. Staff Updates
4. KDOT Update: Available on KDOT's website, [here](#).
5. **ACTION ITEM:** Approve April 5, 2023 Meeting Minutes
6. **ACTION ITEM:** Recommend approval of 2023 UPWP Amendment #1
7. **ACTION ITEM:** Recommend approval of the Function Class updates
8. **Adjournment by Chair**

Next meeting scheduled for July 5, 2023



Flint Hills Metropolitan Planning Organization

206 Southwind Place, Suite 2B | Manhattan, KS | 66503
 785.620.3070 | FHMPO@FlintHillsMPO.org
 www.FlintHillsMPO.org

Technical Advisory Committee Meeting Minutes

Wednesday, April 5, 2023 at 1:00 pm

In Person:

City Commission Room
 City Hall
 1101 Poyntz Ave
 Manhattan, KS 66502

Virtual:

Zoom meeting
 Meeting ID: 919 154 6755

Voting Members Present		
	Corey Trumpp	Geary Co. Public Works
	Ray Ibarra (Chair)	Junction City Public Works
	Troy Livingston	Junction City/Geary County Zoning
x	Stephan Metzger	Pottawatomie Co. Public Works
	Casey Frisbie	Wamego Public Works
x	Gregg Webster	Pottawatomie County Zoning
x	Ken Stein	Wamego Zoning
X	Amanda Webb	Riley County Planning
x	Karen Becker (Vice-Chair)	Manhattan Public Works
x	John Ellerman	Riley County Public Works
X	Stephanie Peterson (Alt)	Manhattan Community Development
X	Ryne Dowling	Kansas Dept. of Transportation
X	Anne Smith	Flint Hills aTa Bus
x	Jeff Barnes	K-State Transportation Services

Non-Voting Members Present		
	Cecelie Cochran	Federal Highway Admin.
	Kelley Paskow	Fort Riley
	Eva Steinman	Federal Transit Admin.
x	Angela Schnee	City of Ogden
	Vacant	City of Grandview Plaza
	Ben Wheeler	City of St. George

Staff Present		
x	Jared Tremblay	
x	Abigail Danner	

Members of the Public Present		
	Ashley Perez	KDOT
	Charlotte Norville	KDOT

1. Welcome & Introductions

- Karen Becker, Vice Chairperson, called the meeting to order at 1:12pm.

2. Public Comment Opportunity

- There were no public comments.

3. Staff Updates

- Jared Tremblay introduced Abigail Danner as the MPO's new employee

4. KDOT Update

- Charlotte Norville, a KDOT Public Involvement Specialist, gave an overview of the K-18 & I-70 intersection project. Highlights included:
 - i. Project Need: confusing for out-of-town drivers and peak-time congestion
 - ii. Conceptual Design: Flyover bridge over existing K-18 bridge and larger southbound to westbound turning radius
 - iii. Benefits and Considerations: The design accommodates future traffic projections and reduces congestion. During construction the existing bridge will remain open resulting in minimal impact to traffic
 - iv. Timeline: Preliminary Design – Winter 2024, Final Design – Fall 2025, Let for construction – Summer 2025 (2 construction seasons)
 - v. Local Consult: Expected fall 2023 in Manhattan with updates on KDOT's IKE website within the next few weeks.
- Karen Becker inquired about the eastbound auxiliary lane and it's length
- Charlotte Norville noted the length will be 2 miles and should extend to the Henry Gate at Ft. Riley.
- The project presentation is attached at the bottom of the minutes.
- Ashley Perez, KDOT District 2 Public Affairs Manager, provided an overview of on going and planned projects in the MPO boundary. One crucial project discussed was the reconstruction of I-70 from Washington Street in Junction City east to the Henry Gate at Ft. Riley. This project will be let in May 2023, with work on going over three construction seasons through 2026.
- In addition to the nine projects highlighted in the overview, Ms. Perez also noted the work on US-77 will wrap up in autumn of 2023.
- Karen Becker inquired about a similar overview presentation by District 1 staff at a future meeting. Jared Tremblay will reach out to District 1 staff and inquire.
- The District 2 handout is attached at the bottom of the minutes.

5. ACTION ITEM: Approve January 4, 2023 Meeting Minutes

- Ryne Dowling motioned for the approval of the minutes. Anne Smith seconded. The motion passed unanimously.

6. ACTION ITEM: Recommend approval of Connect 2040 Amendment #3

- Jared Tremblay provided a walk-through and explanation of the changes to Connect 2040 in this amendment. Changes noted included updates to the performance metrics in Chapter 5, based on the recently approved FHWA Performance Measures and Targets. Additional changes are found in Chapter 6,

and include the addition of several projects to the Illustrative and Constrained Lists.

- Anne Smith motioned approval and Ryne Dowling seconded. The motion passed unanimously.

7. ACTION ITEM: Recommend approval of 2022 Transportation Improvement Program (TIP) Amendment #5

- Jared Tremblay provided an overview of updates to the TIP found in the Summary of Changes, which included several project additions and changes in years and costs.
- Ryne Dowling inquired about the timing of the new TIP, and Jared Tremblay noted the 2024 TIP will be started in May or June and be approved in August 2023
- Karen Becker asked if this amendment was in conjunction or response to the I-70 update?
- Jared Tremblay responded that it was not, but that the TIP schedule is based off of the State's TIP (STIP) and this was coincidental. He outlined the process, stating it begins with MPO staff sending out requests for projects and updates to TAC members.
- Ryne Dowling motioned for approval of the report, and Anne Smith seconded. The motion passed unanimously.

8. DISCUSSION ITEM: EV Readiness Study

- Jared Tremblay showed an example EV Readiness Study completed by the SE MO MPO. He noted that there has been interest in a similar study in the FHMP region, especially as federal legislation and auto manufacturers are pushing the conversion to EVs.
- Jared Tremblay noted there will be many key players involved including TAC staff and Evergy. The project timeline is expected to have the project beginning in 2024.
- Anne Smith inquired about the major take aways of the report. Jared Tremblay stated he had not thoroughly read the report in several months, and that this item was just to inform TAC members of the project in the future to allow the region to be ready for EVs.
- Anne Smith requested Jared Tremblay sit on FHATA's EV study and encouraged working together on the plan as there will be overlap.
- Jared Tremblay gave an example of the NEVI grant program that will be funding EV chargers along Alternative Fuel Corridors, of which I-70 is one. The EV Readiness Plan will allow the MPO region to be ready when grants and funds become available.

- Ryne Dowling wanted assurance this project will be listed in the 2024 UPWP approved in November of 2023.

9. Adjournment by Chair

- The Chair adjourned the meeting at 1:48p

Next meeting scheduled for May 3, 2023

Information Session

K-18 and I-70 Interchange Exit 303

in Geary County

KA-6018-01

Flint Hills MPO Technical Advisory Committee

April 5, 2023 / 1:00 p.m.



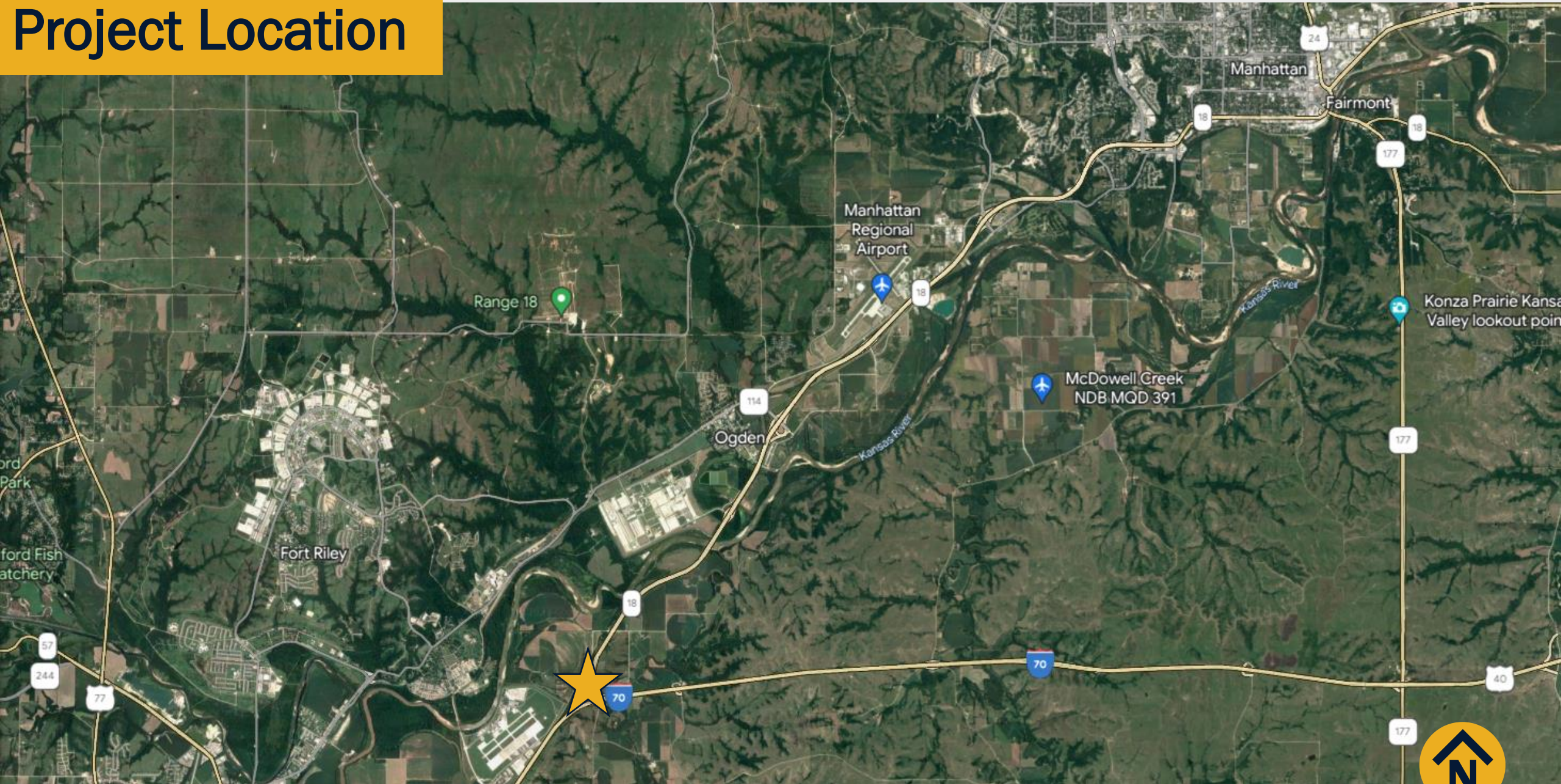


Today's Agenda

- Project Location
- Project Need
- Conceptual Design
- Benefits & Considerations
- Proposed Timeline
- Local Consult
- Next Steps & Wrap Up



Project Location



Project Need

- Project is a high local priority
- Current condition is confusing for out-of-town drivers
- Exiting traffic queues can backup onto I-70
- Between 2016 and 2020 there were 14 reported crashes

Discussions with stakeholders prompted the new preferred solution:

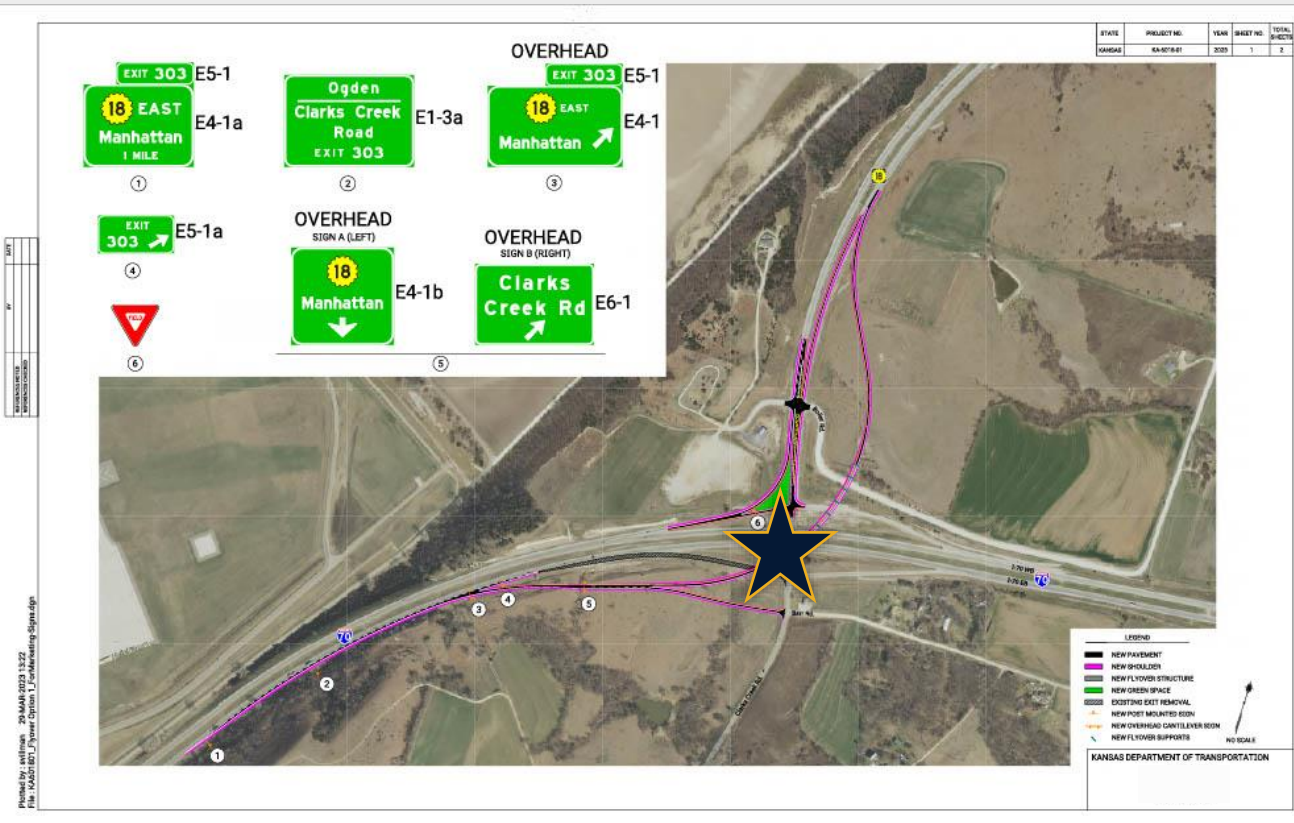
“During the Discovery Phase, virtual meetings were held with area stakeholders to discuss project objectives and to obtain input.”

K-18 and I-70 Interchange Exit 303
Discovery Report

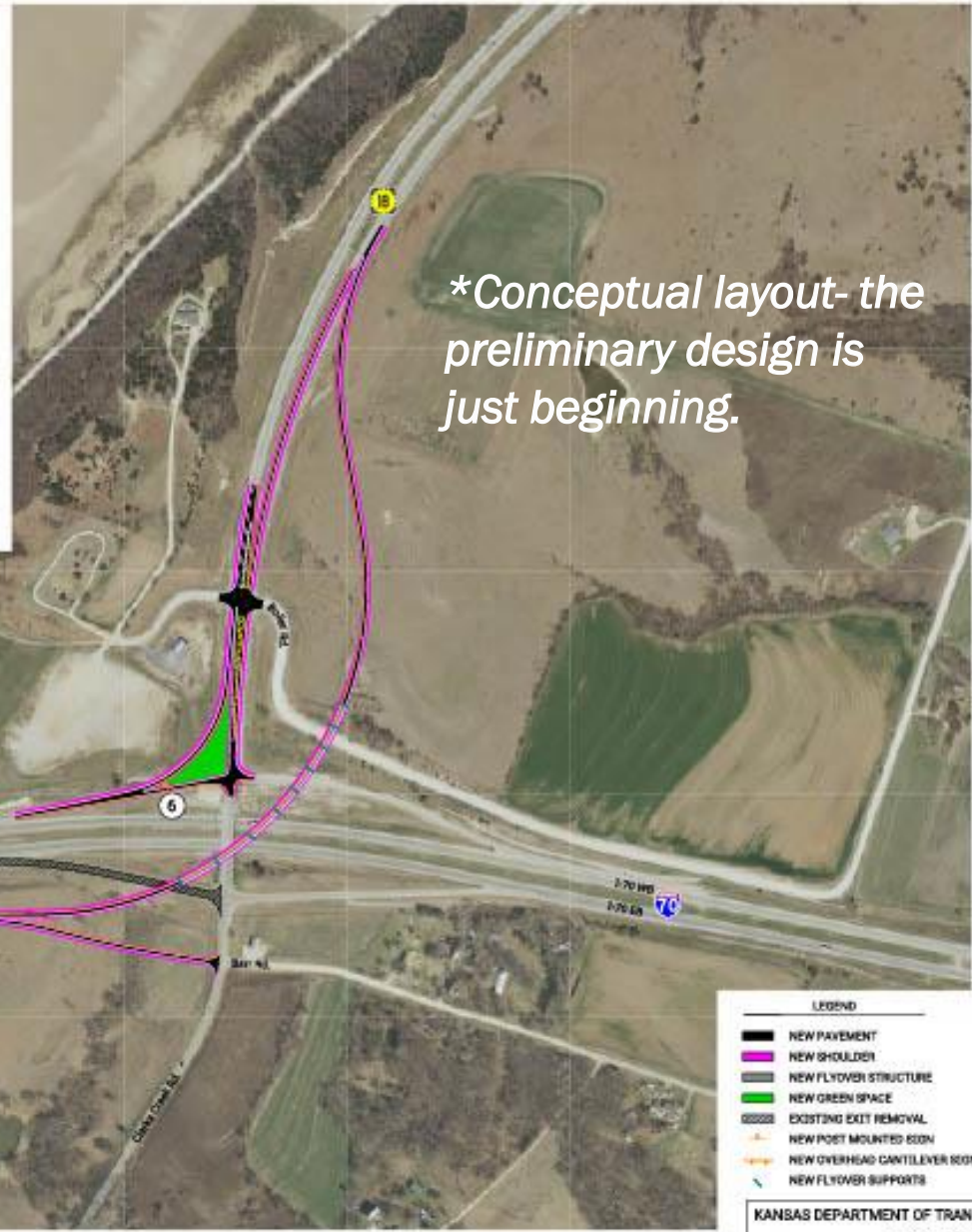
Conceptual Design

A flyover bridge is the preferred design option. It would:

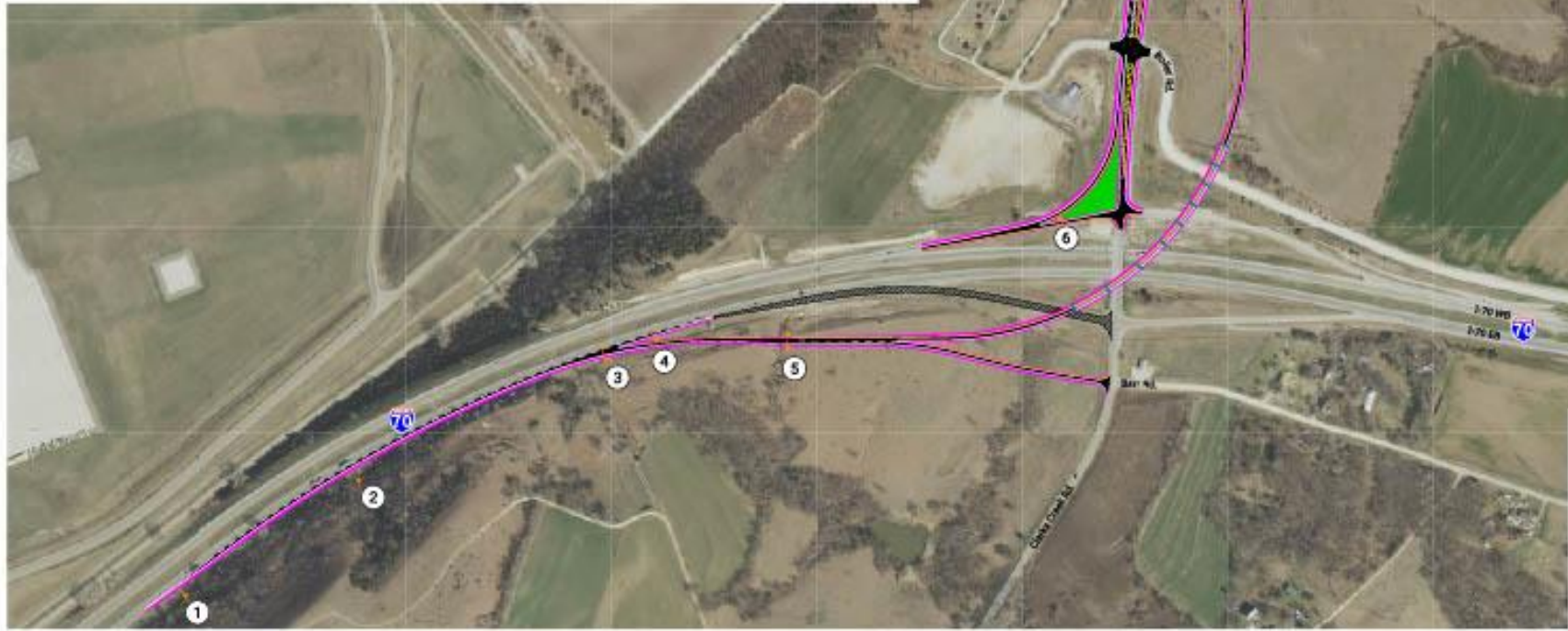
- Span over the existing I-70 bridge
 - Improve the westbound I-70 on ramp
 - Update the north terminal of the interchange
 - Add a two-mile auxiliary lane (east bound only)
- This is the conceptual layout. The preliminary design is just beginning.***



STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	KA-SC18-01	2023	1	2



**Conceptual layout- the preliminary design is just beginning.*



LEGEND

- NEW PAVEMENT
- NEW SHOULDER
- NEW FLYOVER STRUCTURE
- NEW GREEN SPACE
- EXISTING EXIT REMOVAL
- NEW POST MOUNTED SIGN
- NEW OVERHEAD CANTILEVER SIGN
- NEW FLYOVER SUPPORTS



KANSAS DEPARTMENT OF TRANSPORTATION
FLYOVER

DATE	BY	REVISIONS/REVISIONS CHECKED

Plotted by: svlman 20-MAR-2023 13:22
File: KA501801_Flyover Option 1_ConMarketing-Signs.dgn

Benefits

Traffic

- Accommodates future traffic projections
- Reduces congestion

Safety

- Allows drivers to maintain a safe and consistent speed
- Lowers the amount of lane closures needed during construction

Economy

- Accommodates freight
- Accommodates gameday traffic

The existing interchange, including the bridge, will remain open both through and after construction. This means more options for drivers and saving a bridge that is still in good condition.

Construction is expected to have a minimal impact on traffic.

Traffic on I-70 would not be impacted.

PROPOSED PROJECT TIMELINE

DRAFT – SUBJECT TO CHANGE



Winter 2024

Preliminary Design



Fall 2025

Final Design

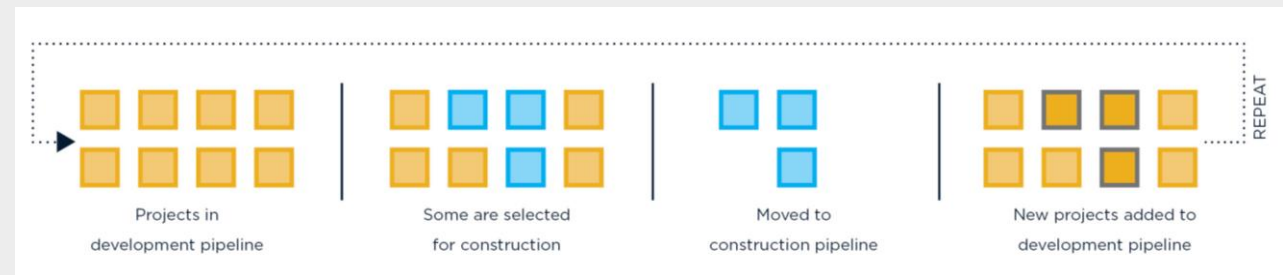
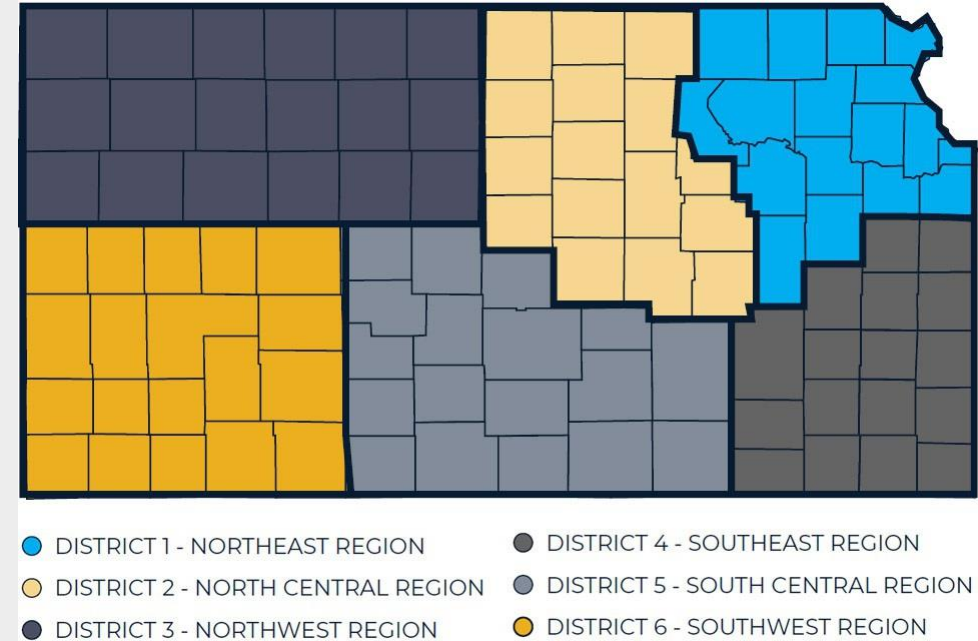


Summer 2025

Let for Construction

Local Consult

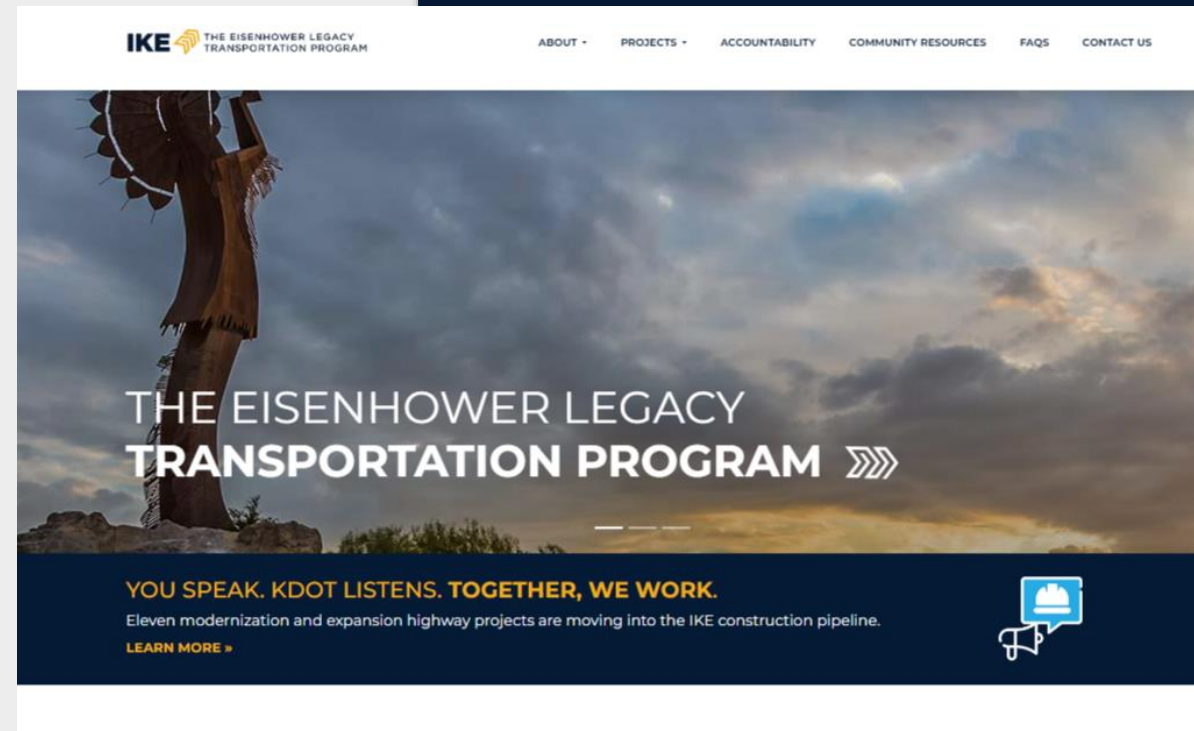
- Kansas Department of Transportation's (KDOT) public engagement process takes place every two years as part of the IKE Transportation Program.
- Designed to get Kansans' input on potential highway expansion and modernization projects for each KDOT District
- Slated for late September/early October. Dates and locations will be available in the coming weeks at ksdotike.org



LET'S RECAP

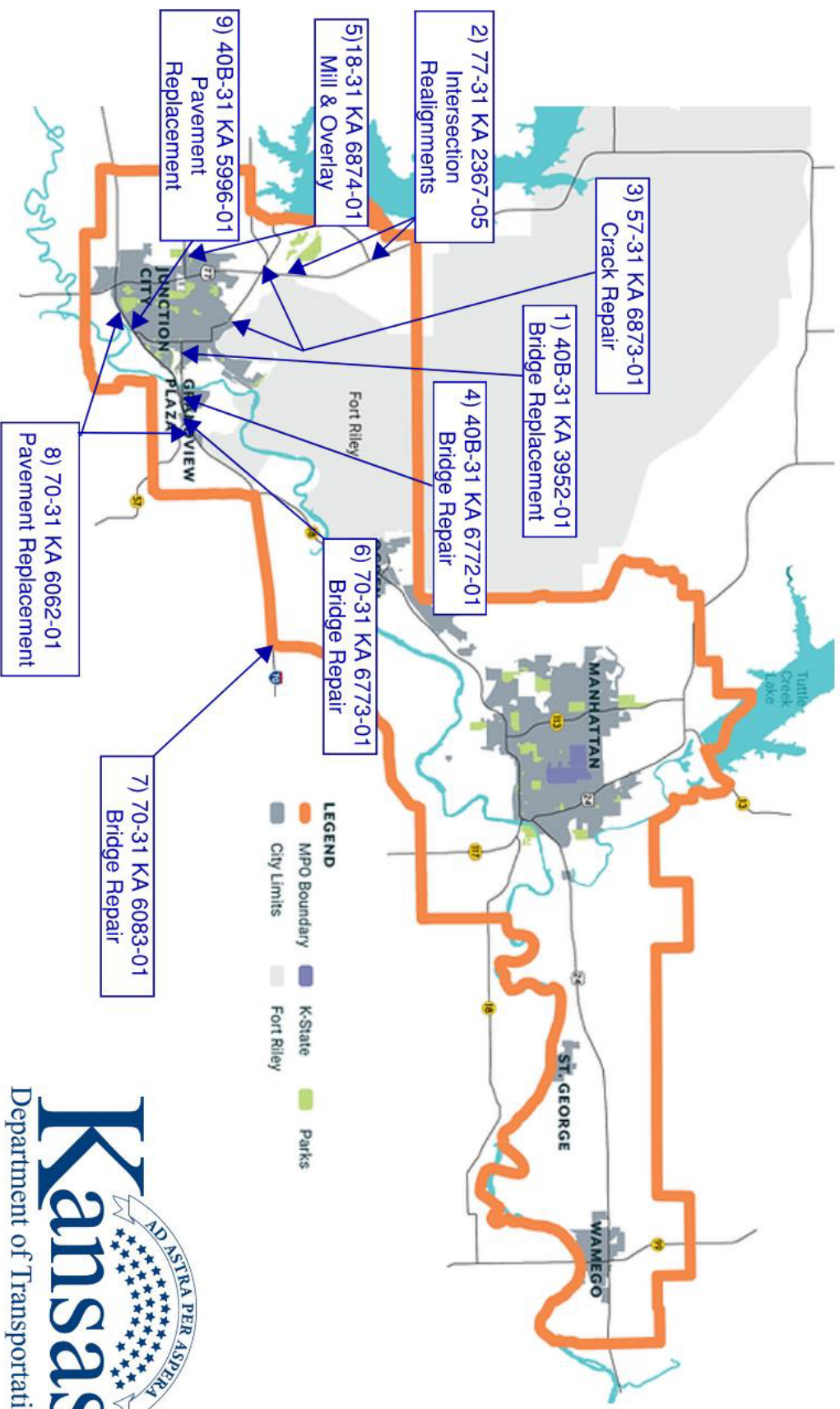
- K-18 and I-70 Interchange Exit 303 in Geary County is being updated and a flyover bridge design is the preferred design option.
- Online Information
 - Webpage includes project map, timeline, project contacts, and “sign up for updates” form
 - Live this summer at ksdotike.org

Contact:
Charlotte Norville
Public Involvement Specialist
Char.Norville@ks.gov
(785) 296-6044



The screenshot shows the top portion of a website. At the top left is the logo for 'IKE THE EISENHOWER LEGACY TRANSPORTATION PROGRAM'. To the right is a navigation menu with links for 'ABOUT', 'PROJECTS', 'ACCOUNTABILITY', 'COMMUNITY RESOURCES', 'FAQS', and 'CONTACT US'. Below the navigation is a large banner image featuring a wooden sculpture of a Native American figure against a cloudy sky. The text 'THE EISENHOWER LEGACY TRANSPORTATION PROGRAM' is overlaid on the image, followed by three right-pointing chevrons. Below the banner is a dark blue section with the text 'YOU SPEAK. KDOT LISTENS. TOGETHER, WE WORK.' and a sub-headline 'Eleven modernization and expansion highway projects are moving into the IKE construction pipeline.' A 'LEARN MORE' link with a right-pointing chevron is also present. In the bottom right corner of this section is a blue icon of a speech bubble with a building inside.

KDOT District 2 Projects in Flint Hills MPO Boundaries starting prior to Summer 2024



Active Projects:

1. 40B-31 KA 3952-01
 - Replacing the bridge that carries US-40 Business/6th Street over the Union Pacific Railroad in Junction City. Tentatively set to open to two-lane traffic (one lane in each direction) by April 2024 and to open to four-lane traffic by summer 2024, full project completion scheduled for Fall 2024.
2. 77-31 KA 2367-05
 - Realigning the intersections of US-77 and Old Milford Road/Rifle Range Road, Quarry Road, and Old US-77. Project completion scheduled for late October 2023, weather permitting.

Upcoming Projects

3. 57-31 KA 6873-01: Crack repair on NB and SB lanes of K-57 from the north city limits of Junction City to the K-57/K-244 junction. Anticipated start: May 2023, 15 working days.
4. 40B-31 KA 6772-01: Bridge repair on Bridge No. 31-0037, US-40 Business over the Smoky Hill River. This project is scheduled for letting in September 2023 with construction dates to be determined.
5. 18-31 KA 6874-01: Mill and Overlay on K-18 from .8 mile west of the US-77/K-18 junction to .5 mile west of the US-77/K-18 junction.
6. 70-31 KA 6773-01: Bridge repair on Bridge No. 31-0017, WB I-70 over Frank's Creek. Scheduled for completion in summer 2023.
7. 70-31 KA 6083-01: Bridge repair on Bridge No. 31-0026, McDowell Creek Road over I-70 at Exit 307. Scheduled start in late April/Early May 2023 with anticipated completion early October 2023.
8. 70-31 KA 6062-01: Concrete pavement replacement on EB and WB I-70 from mm 296-300, including all ramps. Scheduled letting in May 2023. Approximate start in July 2023 of an asphalt overlay on EB I-70 and crossover construction. In September 2023 traffic will move head-to-head on EB I-70 while work begins on WB I-70 from west of Marshall Field to Grandview Plaza. Overall: 3-year project with winter suspension, anticipated completion by 2026.
9. 40B-31 KA 5996-01: Pavement replacement of the roundabout at the I-70/US-40 Business/Golden belt Boulevard junction and pavement replacement from the roundabout south to the Union Pacific Railroad. Phase I scheduled for completion in 2024 and Phase II scheduled for completion in 2025. (Phases will be timed to coincide with ramp closures for the KA 6062-01 (I-70 pavement replacement) to minimize traffic disruption.)

KDOT District Two Contacts:

Brent Terstriep, P.E. | District 2 Engineer

O: 785-515-6782

Brent.Terstriep@ks.gov

Ashley Perez | District 2 Public Affairs Manager

O: 785-515-6790 | C: 785-826-6799

Ashley.Perez@ks.gov

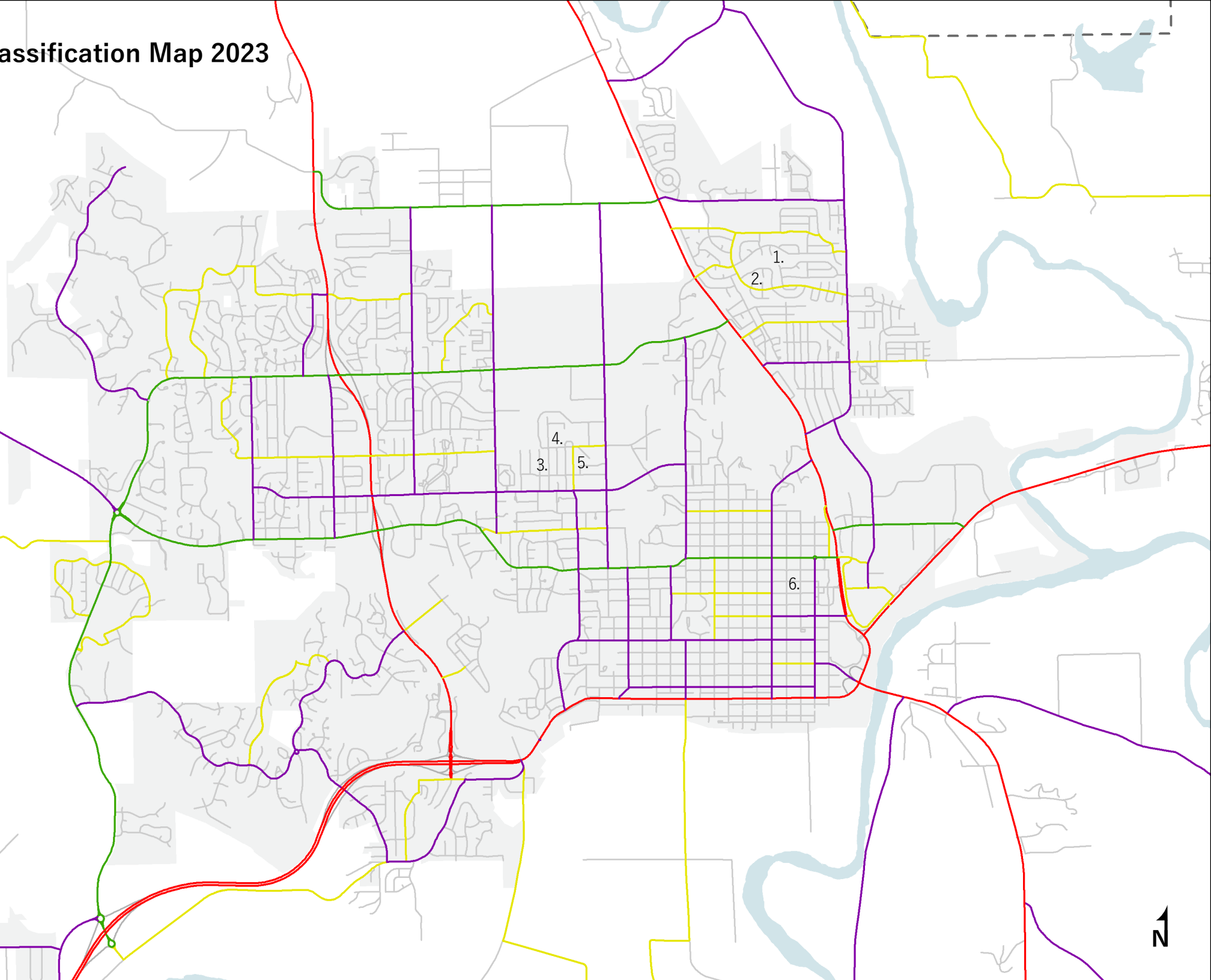
Flint Hills MPO Functional Classification Map 2023

Manhattan

Functional Classification Changes

1. Northfield Rd: Butterfield Rd to Brookville Dr
Minor Collector to Local Road
2. Butterfield Rd: Casement Rd to Walters Dr
Local Rd to Minor Collector
3. Hillcrest Dr: Clafin Rd to Jardine Dr
Minor Collector to Local Road
4. Jardine Dr: Hillcrest Dr to Jarvis Dr
Minor Collector to Local Road
5. Jarvis Dr: Clafin Rd to Jardine Dr
Local Road to Minor Collector
6. Fremont St: 4th St to Juliette Ave
Minor Collector to Local Road

- Interstate
- Freeway and Expressway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Road
- Fort Riley
- City Boundary
- MPO Boundary
- Rivers & Lakes



Flint Hills MPO Functional Classification Map 2023

Junction City & Geary County

Functional Classification Changes

1. Jefferson St: 18th St to 8th St
Major Collector to Local Road
2. Jefferson St: 8th St to 6th St
Major Collector to Minor Collector
3. 14th St: Washington St to Jackson St
Major Collector to Minor Collector
4. Rucker Rd: US-77 to Spring Valley Rd
Minor Collector to Major Collector
5. Rucker Rd: Spring Valley Rd to Blue Jay Way
Local Road to Major Collector
6. Blue Jay Way: Rucker Rd to K-18
New Major Collector
7. Rucker Rd: Blue Jay Way to Munson Rd
Local Road to Minor Collector
8. Munson Rd: Rucker Rd to K-18
Local Road to Minor Collector

- Interstate
- Freeway and Expressway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Road
- Fort Riley
- City Boundary
- MPO Boundary
- Rivers & Lakes

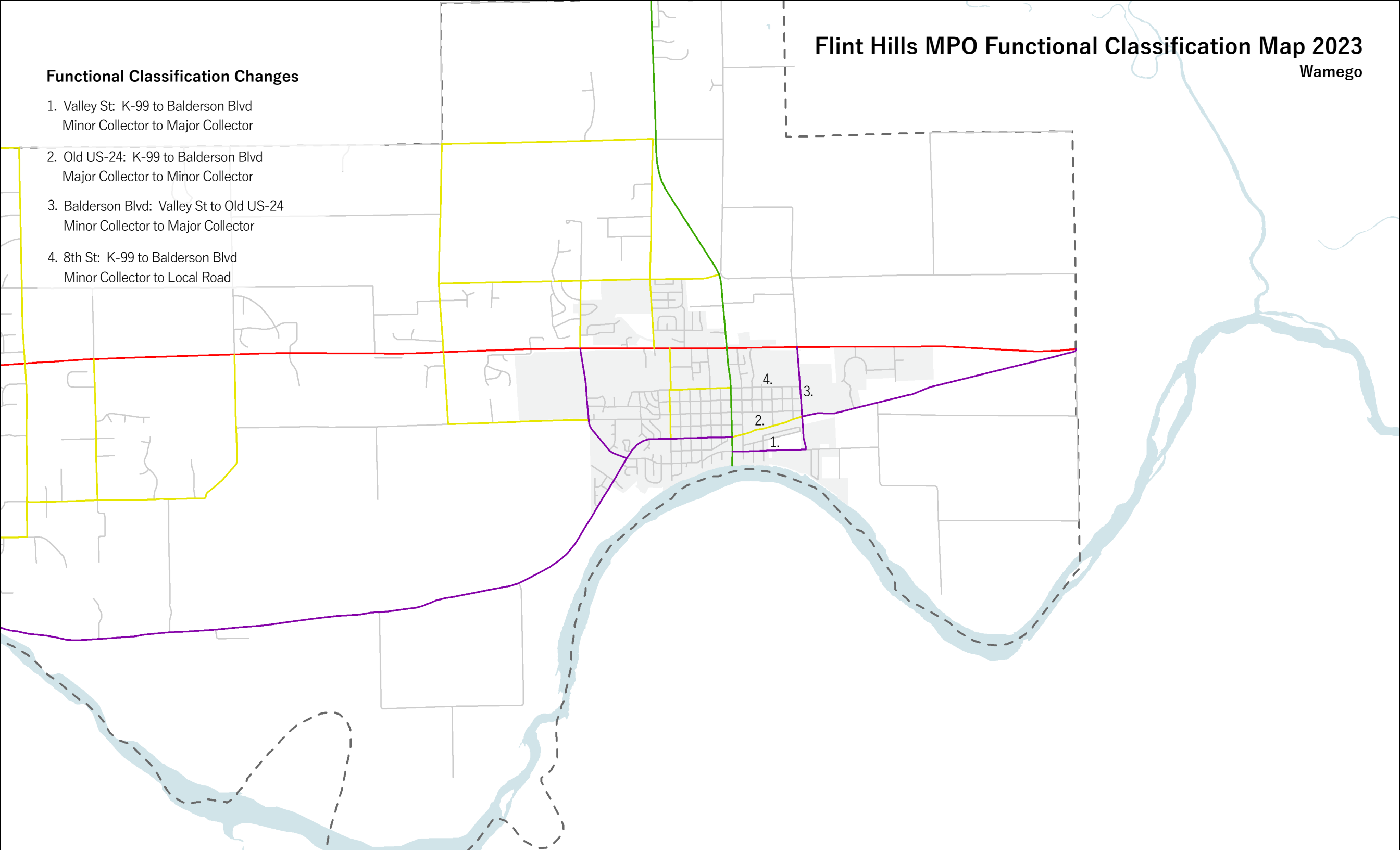


Flint Hills MPO Functional Classification Map 2023

Wamego

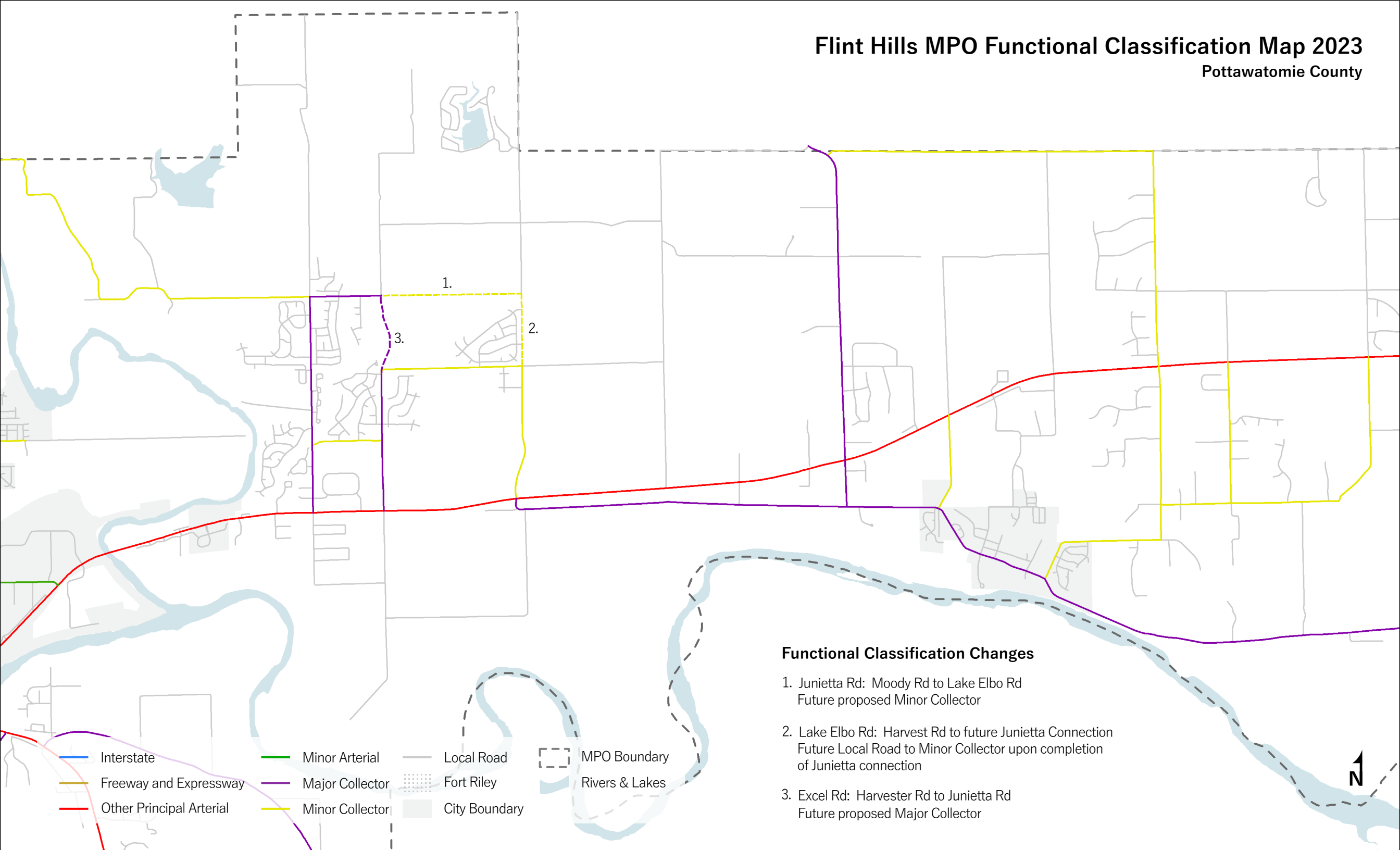
Functional Classification Changes

1. Valley St: K-99 to Balderson Blvd
Minor Collector to Major Collector
2. Old US-24: K-99 to Balderson Blvd
Major Collector to Minor Collector
3. Balderson Blvd: Valley St to Old US-24
Minor Collector to Major Collector
4. 8th St: K-99 to Balderson Blvd
Minor Collector to Local Road



Flint Hills MPO Functional Classification Map 2023

Pottawatomie County



Functional Classification Changes

1. Junietta Rd: Moody Rd to Lake Elbo Rd
Future proposed Minor Collector
2. Lake Elbo Rd: Harvest Rd to future Junietta Connection
Future Local Road to Minor Collector upon completion of Junietta connection
3. Excel Rd: Harvester Rd to Junietta Rd
Future proposed Major Collector

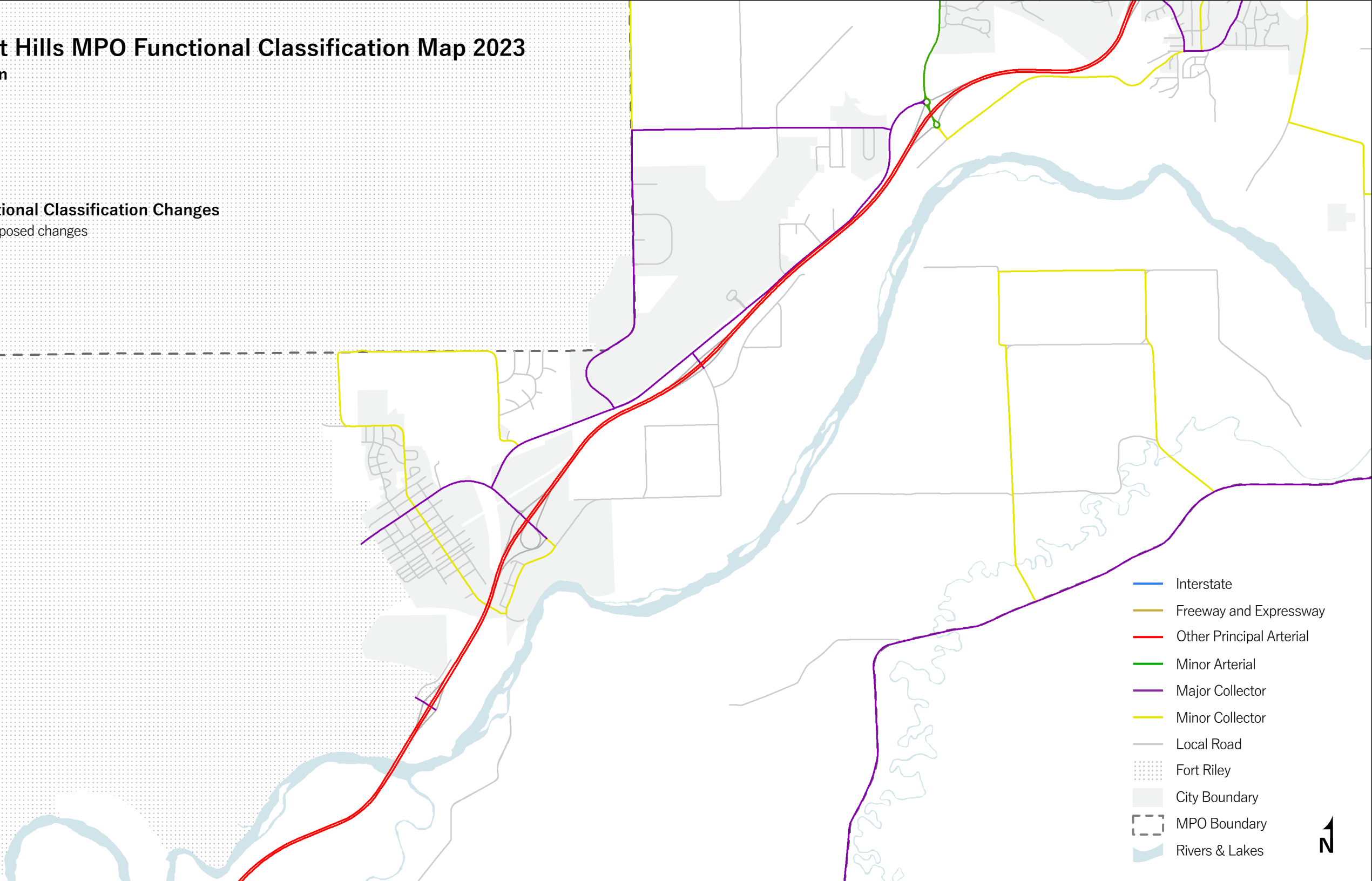
- Interstate
- Freeway and Expressway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Road
- Fort Riley
- City Boundary
- MPO Boundary
- Rivers & Lakes

Flint Hills MPO Functional Classification Map 2023

Ogden

Functional Classification Changes

No Proposed changes



- Interstate
- Freeway and Expressway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Road
- Fort Riley
- City Boundary
- MPO Boundary
- Rivers & Lakes



Flint Hills Metropolitan Planning Organization

206 Southwind Place, Suite 2B | Manhattan, KS | 66503
785.620.3070 | FHMPO@FlintHillsMPO.org
www.FlintHillsMPO.org

Technical Advisory Committee Meeting

Wednesday, August 2, 2023

1:00 pm

In Person:

Groesbeck Room
Manhattan Public Library
629 Poyntz Ave
Manhattan, KS 66502

Virtual:

Zoom meeting
Meeting ID: 919 154 6755
Passcode: 148813

1. Welcome & Introductions
2. Public Comment Opportunity (for items not on the agenda)
3. Staff Updates
 - TDM progress
4. KDOT Update: Available on KDOT's website, [here](#).
5. **ACTION ITEM:** Approve May 3, 2023 Meeting Minutes
6. **ACTION ITEM:** Recommend approval of 2024 Transportation Improvement Program (TIP)
7. **DISCUSSION ITEM:** 2024 Unified Planning Work Program (UPWP)
8. **Adjournment by Chair**

Next meeting scheduled for September 6, 2023



Flint Hills Metropolitan Planning Organization

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 785.620.3070 | FHMPO@FlintHillsMPO.org
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**Technical Advisory Committee
 Meeting Minutes**

Wednesday, May 3, 2023 at 1:00 pm

In Person:

City Commission Room
 City Hall
 1101 Poyntz Ave
 Manhattan, KS 66502

Virtual:

Zoom meeting
 Meeting ID: 919 154 6755

Voting Members Present		
x	Corey Trumpp	Geary Co. Public Works
	Ray Ibarra (Chair)	Junction City Public Works
x	Troy Livingston	Junction City/Geary County Zoning
x	Stephan Metzger	Pottawatomie Co. Public Works
x	Casey Frisbie	Wamego Public Works
x	Gregg Webster	Pottawatomie County Zoning
x	Ken Stein	Wamego Zoning
X	Amanda Webb	Riley County Planning
	Karen Becker (Vice-Chair)	Manhattan Public Works
	John Ellerman	Riley County Public Works
X	John Adam	Manhattan Community Development
X	Ryne Dowling	Kansas Dept. of Transportation
X	Anne Smith	Flint Hills aTa Bus
	Jeff Barnes	K-State Transportation Services

Non-Voting Members Present		
	Cecelie Cochran	Federal Highway Admin.
	Kelley Paskow	Fort Riley
	Eva Steinman	Federal Transit Admin.
x	Angela Schnee	City of Ogden
	Vacant	City of Grandview Plaza
	Ben Wheeler	City of St. George

Staff Present	
x	Jared Tremblay
x	Abigail Danner

Members of the Public Present	

1. Welcome & Introductions

- Ryne Dowling volunteer and was approved to serve as the temporary Chair, as the elected Chair and Vice Chairperson were not present. The meeting was called to order at called the meeting to order at 1:03pm.

2. Public Comment Opportunity

- There were no public comments.

3. Staff Updates

- Jared Tremblay noted Abigail Danner will become a full-time employee at the end of May

4. KDOT Update

- Ryne Dowling did not have extensive updates but noted all updates are available on KDOT's website.

5. ACTION ITEM: Approve April 5, 2023 Meeting Minutes

- Casey Frisbie motioned for the approval of the minutes. Anne Smith seconded. John Adam abstained. The motion passed unanimously.

6. ACTION ITEM: Recommend approval of 2023 UPWP Amendment #1

- Jared Tremblay presented Amendment #1 to the 2023 UPWP. He compared the changes in the amendment to the original UPWP passed in November 2022. Specifically he noted that Abigail Danner did not begin employment until mid-February and as an hourly employee, thus lowering the overall salary as well as benefits, etc.
- He noted item 3.1, Long Range Plan, had required more hours than planned to get the TDM data ready. Those hours have been updated.
- He noted the overall lower cost, which will result in a lower second invoice for lower match.
- John Adam motioned approval and Anne Smith seconded. The motion passed unanimously.

7. ACTION ITEM: Recommend approval of the Function Class updates

- Jared Tremblay went through the changes proposed to each communities function class map for 2023.
- Nathan Bergman inquired about the planned development north of Junietta Road and east of Excel Road. He proposed removing the segment of Junietta Road from Excel Road east to Lake Elbo Road from being a Minor Collector. Instead he stated that Moddy Road north to Mt. Zion Road, Mt. Zion Road from Moody Road to Lake Elbo, and Lake Elbo Road south to Harvest Road should be the proposed Minor Collector routing.
- Gregg Webster from Pottawatomie County Planning agreed
- Jared Tremblay stated he would update the map per those recommendations

- Casey Frisbee made a motion to approve the Function Class updates, including the proposed alterations to the Pottawatomie County map. Troy Livingston seconded. Motion passed unanimously.

8. Adjournment by Chair

- Jared Tremblay proposed changing the meeting location due to the recent addition of two-factor authentication on City Hall's Commission Room computer, the requirement from the City's IT department that only City staff can log-on to the computer, and the lack of MPO email access at City Hall. He proposed moving the meetings to the Manhattan Public Library
- Jared Tremblay also reminded TAC members about the upcoming 2024-2027 TIP project requests.
- The Chair adjourned the meeting at 1:29p

Next meeting scheduled for July 5, 2023



Flint Hills Metropolitan Planning Organization

206 Southwind Place, Suite 2B | Manhattan, KS | 66503
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www.FlintHillsMPO.org

Technical Advisory Committee Meeting

Wednesday, October 4, 2023
1:00 pm

In Person:

Groesbeck Room
Manhattan Public Library
629 Poyntz Ave
Manhattan, KS 66502

Virtual:

Zoom meeting
Meeting ID: 919 154 6755
Passcode: 148813

1. Welcome & Introductions
2. Public Comment Opportunity (for items not on the agenda)
3. Staff Updates
 - TDM progress
 - TIP Amendment #1 call for projects
 - EV Readiness Plan RFP
4. KDOT Update: Available on KDOT's website, [here](#).
5. **ACTION ITEM:** Approve August 2, 2023 Meeting Minutes
6. **ACTION ITEM:** Recommend approval of 2023 Unified Planning Work Program (UPWP) Amendment #3
7. **DISCUSSION ITEM:** KDOT Carbon Reduction Program
8. **Adjournment by Chair**

Next meeting scheduled for November 1, 2023



Flint Hills Metropolitan Planning Organization

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Technical Advisory Committee Meeting Minutes

Wednesday, August 2, 2023 at 1:00 pm

In Person:

City Commission Room
 City Hall
 1101 Poyntz Ave
 Manhattan, KS 66502

Virtual:

Zoom meeting
 Meeting ID: 919 154 6755

Voting Members Present		
	Corey Trumpp	Geary Co. Public Works
	Ray Ibarra (Chair)	Junction City Public Works
	Troy Livingston	Junction City/Geary County Zoning
x	Nathan Bergman	Pottawatomie Co. Public Works
x	Casey Frisbie	Wamego Public Works
x	Gregg Webster	Pottawatomie County Zoning
x	Ken Stein	Wamego Zoning
X	Amanda Webb	Riley County Planning
	Karen Becker (Vice-Chair)	Manhattan Public Works
	John Ellerman	Riley County Public Works
X	John Adam	Manhattan Community Development
X	Ryne Dowling	Kansas Dept. of Transportation
X	Anne Smith	Flint Hills aTa Bus
	Jeff Barnes	K-State Transportation Services

Non-Voting Members Present		
	Daniel Nguyen	Federal Highway Admin.
x	Kelley Paskow	Fort Riley
	Eva Steinman	Federal Transit Admin.
	Angela Schnee	City of Ogden
	Vacant	City of Grandview Plaza
	Ben Wheeler	City of St. George
x	Stephan Metzger	PT County Zoning

Staff Present		
x	Jared Tremblay	
x	Abigail Danner	

Members of the Public Present		
	Michael Wilson	Mobility Manager FHCTD

1. Welcome & Introductions

- Ryne Dowling volunteered and was approved to serve as the temporary Chair, as the elected Chair and Vice Chairperson were not present. The meeting was called to order at called the meeting to order at 1:05pm.

2. Public Comment Opportunity

- There were no public comments.

3. Staff Updates

- Jared Tremblay gave an update of the Transportation Demand Model, noting the consultant has received updated 2022 roadway shapefiles and TAZ edits. He stated the MPO will be reaching out to staffs to get updated traffic counts and any zoning changes updated since the comprehensive plans from 2017/18.

4. KDOT Update

- Ryne Dowling noted that with the newly confirmed Census data, KDOT will be working with MPOs to update Urban Area Boundaries (UABs) to align with new guidance and development. The deadline for KDOT to pass changes along is December 29, 2023.
- Jared Tremblay noted he had looked at the new UAB and based on a recent USDOT webinar there should be minor additions.
- Mr. Dowling noted KDOT wants to extend the UAB west to include the Camp Funston area of Ft. Riley so that the K-18 corridor which serves as an urban highway can be included.
- Stephan Metzger inquired about the proposed UAB adjustments. Jared Tremblay said he would send the updated UAB out for review.
- Mr. Dowling noted that one new ruling from the US Census Bureau is the Urban population threshold from 2,500 to 5,000. With this, KDOT recommends Wamego stay within the MPO as they no longer are classified as Urban.
- Mr. Dowling noted that KDOT is looking to increase the number of traffic counters set on locally owned roadways so as to have more accurate counts. KDOT would purchase the counters and then work with MPOs to implement counts. It is likely 2 or 3 would be housed by the MPO and loaned out to local departments for counts.
- Jared Tremblay inquired on the type of counters to be purchased and Mr. Dowling did not have information on this.
- Casey Frisbie noted that the box counters that attach to posts along the roadway are easy for staff to install.
-

5. ACTION ITEM: Approve May 3, 2023 Meeting Minutes

- Ken Stein noted the misspelling of Moody Road in Item 7. MPO Staff will correct the error.
- Ken Stein motioned for the approval of the minutes. Stephan Metzger seconded. The motion passed unanimously.

6. ACTION ITEM: Recommend approval of 2024 Transportation Improvement Program (TIP)

- Jared Tremblay presented the new 2024 TIP. He noted that there are \$143 million of projects included. He noted the breakout of projects meeting regional and federal Performance Measures and those meeting EJ criteria (currently 31% of funding). Mr. Tremblay then went through the new project specific tables, showcasing the new, easier to read layout.
- Ryne Dowling asked about timing for the amendments. Mr. Tremblay noted the schedule at the end of the TIP, and noted the next update will begin in November with calls for projects.
- Ken Stein motioned to approve, and Stephan Metzger seconded. The motion passed unanimously.
- Jared Tremblay also noted the public comment regarding project X-17-2022, the I-70 and Taylor Road interchange. While he noted the inclusion of this project is a political one, and more inclined to Policy Board, he presented the 12 letters and dozens of signatures submitted to the MPO and KDOT requesting the removal of the project.
- Jared Tremblay stated he would forward all letters and signatures to KDOT for review.

7. DISCUSSION ITEM: 2023 Unified Planning Work Program (UPWP)

- Jared Tremblay went through the proposed 2024 UPWP noting the projects to be included. He asked those present if they had any projects they would specifically like the MPO to add. None were mentioned.
- Jared Tremblay noted the UPWP will go before the Policy Board and be back for approval in November.

8. Adjournment by Chair

- The Chair adjourned the meeting at 1:43p

Next meeting scheduled for September 6, 2023



Flint Hills Metropolitan Planning Organization

206 Southwind Place, Suite 2B | Manhattan, KS | 66503
785.620.3070 | FHMPO@FlintHillsMPO.org
www.FlintHillsMPO.org

Technical Advisory Committee Meeting

Wednesday, November 1, 2023

1:00 pm

In Person:

Auditorium
Manhattan Public Library
629 Poyntz Ave
Manhattan, KS 66502

Virtual:

Zoom meeting
Meeting ID: 919 154 6755
Passcode: 148813

1. Welcome & Introductions
2. Public Comment Opportunity (for items not on the agenda)
3. Staff Updates
 - TIP Amendment #1 call for projects
 - EV Readiness Plan RFP
4. KDOT Update:
5. **ACTION ITEM:** Approve October 4, 2023 Meeting Minutes
6. **ACTION ITEM:** Recommend approval of 2024 Unified Planning Work Program (UPWP)
7. **Adjournment by Chair**

Next meeting scheduled for December 6, 2023



Flint Hills Metropolitan Planning Organization

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 785.620.3070 | FHMPO@FlintHillsMPO.org
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**Technical Advisory Committee
 Meeting Minutes**

Wednesday, October 4, 2023 at 1:00 pm

In Person:

City Commission Room
 City Hall
 1101 Poyntz Ave
 Manhattan, KS 66502

Virtual:

Zoom meeting
 Meeting ID: 919 154 6755

Voting Members Present		
x	Corey Trumppp	Geary Co. Public Works
	Ray Ibarra (Chair)	Junction City Public Works
	Troy Livingston	Junction City/Geary County Zoning
x	Nathan Bergman	Pottawatomie Co. Public Works
x	Casey Frisbie	Wamego Public Works
x	Gregg Webster	Pottawatomie County Zoning
x	Cameron Matthews	Wamego Zoning
	Amanda Webb	Riley County Planning
x	Karen Becker (Vice-Chair)	Manhattan Public Works
x	John Ellerman	Riley County Public Works
X	John Adam	Manhattan Community Development
X	Ryne Dowling	Kansas Dept. of Transportation
X	Anne Smith	Flint Hills aTa Bus
	Jeff Barnes	K-State Transportation Services

Non-Voting Members Present		
	Daniel Nguyen	Federal Highway Admin.
x	Owen Washburn	Fort Riley
	Eva Steinman	Federal Transit Admin.
x	Angela Schnee	City of Ogden
	Vacant	City of Grandview Plaza
	Ben Wheeler	City of St. George
x	Stephan Metzger	PT County Zoning

Staff Present	
x	Jared Tremblay
x	Abigail Danner

Members of the Public Present	

1. Welcome & Introductions

- Ryne Dowling volunteered and was approved to serve as the temporary Chair, as the elected Chair and Vice Chairperson were not present. The meeting was called to order at called the meeting to order at 1:02pm.

2. Public Comment Opportunity

- There were no public comments.

3. Staff Updates

- Jared Tremblay gave an update of the Transportation Demand Model noting the consultant has recently completed updating the TAZ data and was updating the roadway ADT data. The base year model should be completed at the end of November.
- Jared Tremblay noted that later in October, the FHMPO will be sending out new and update project forms for local staffs to complete for their TIP projects. These updates will be included in TIP Amendment #1.
- Jared Tremblay informed the group that the EV Readiness Plan RFP will be started shortly with requests sent out in late August.

4. KDOT Update

- Ryne Dowling noted the link to KDOT's homepage on the agenda is no longer updated frequently and that it should be removed.
- Ryne Dowling noted that he will be sending FHMPO staff updated information for several TIP projects to be included in TIP Amendment #1.

5. ACTION ITEM: Approve August 2, 2023 Meeting Minutes

- Casey Frisbie approved and John Adam seconded. Motion passed unanimously

6. ACTION ITEM: Recommend approval of 2023 Unified Planning Work Program (UPWP) Amendment #3

- Jared Tremblay gave an overview of the changes to the UPWP amendment, namely the inclusion of the Wamego Sidewalk Master Plan update and alterations in the budget based on hours worked. He noted the overall budget projection for 2023 had dropped since the last UPWP amendment.
- Casey Frisbie motioned and Anne Smith seconded. Motion passed unanimously.

7. DISCUSSION ITEM: KDOT Carbon Reduction Program (CRP)

- Allison Smith of KDOT presented on KDOT's new program which is due to FHWA by Nov. 15, 2023. Key points included:
 - Goal – reduce CO2 emissions from transportation network thru State strategies/projects. New through BIL. Funding 2022-2026.
 - Primary goals:
 - Safety
 - Equity
 - Innovation
 - Sustainability

- Strategies
 - Demand management and mode shift
 - System efficiency and reliability
 - Reduce vehicle emissions
 - Facilities, land, and materials mgmt.
 - Funding
 - KS receives 12.5 mil/year from 2022-26.
 - 65% of funding allocated by population.
 - Large MPO (KC and Wichita) regions, small MPOs, areas >5000 but <49,999, and areas <5,000.
 - 35% of funds are flexible and available statewide.
 - FHMPO allocations is 305,473 (for FY 22 & 23)
- Jared Tremblay stated that the presentation slides would be distributed to TAC members.

8. Adjournment by Chair

- The Chair adjourned the meeting at 1:33p

Next meeting scheduled for November 1, 2023



Flint Hills Metropolitan Planning Organization

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Technical Advisory Committee Meeting

Wednesday, December 6, 2023

1:00 pm

In Person:

Groesbeck Room
Manhattan Public Library
629 Poyntz Ave
Manhattan, KS 66502

Virtual:

Zoom meeting
Meeting ID: 919 154 6755
Passcode: 148813

1. Welcome & Introductions
2. Public Comment Opportunity (for items not on the agenda)
3. Staff Updates:
4. KDOT Update:
5. **ACTION ITEM:** Approve November 1, 2023 Meeting Minutes
6. **ACTION ITEM:** Recommend approval of 2024 Transportation Improvement Program (TIP) Amendment #1
7. **ACTION ITEM:** Recommend approval of the 2023 Urbanized Area Boundary
8. **DISCUSSION ITEM:** Safety Performance Measure update
9. **Adjournment by Chair**

Next meeting scheduled for January 3, 2023



Flint Hills Metropolitan Planning Organization

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 785.620.3070 | FHMPO@FlintHillsMPO.org
 www.FlintHillsMPO.org

**Technical Advisory Committee
 Meeting Minutes**

Wednesday, November 1, 2023 at 1:00 pm

In Person:
 Auditorium
 Manhattan Public Library
 629 Poyntz Ave
 Manhattan, KS 66502

Virtual:
 Zoom meeting
 Meeting ID: 919 154 6755

Voting Members Present		
x	Corey Trumppp	Geary Co. Public Works
	Ray Ibarra (Chair)	Junction City Public Works
	Troy Livingston	Junction City/Geary County Zoning
	Nathan Bergman	Pottawatomie Co. Public Works
x	Casey Frisbie	Wamego Public Works
x	Gregg Webster	Pottawatomie County Zoning
x	Cameron Matthews	Wamego Zoning
x	Amanda Webb	Riley County Planning
x	Karen Becker (Vice-Chair)	Manhattan Public Works
x	John Ellerman	Riley County Public Works
X	John Adam	Manhattan Community Development
X	Ryne Dowling	Kansas Dept. of Transportation
X	Anne Smith	Flint Hills aTa Bus
	Jeff Barnes	K-State Transportation Services

Non-Voting Members Present		
	Daniel Nguyen	Federal Highway Admin.
x	Owen Washburn	Fort Riley
	Eva Steinman	Federal Transit Admin.
x	Angela Schnee	City of Ogden
	Vacant	City of Grandview Plaza
	Ben Wheeler	City of St. George
x	Stephan Metzger	PT County Zoning

Staff Present		
x	Jared Tremblay	
x	Abigail Danner	

Members of the Public Present		
	Mike Wilson	Flint Hills ATA
	Matt Mackeprang	KDOT

1. Welcome & Introductions

- Meeting was called to order at 1:01pm.

2. Public Comment Opportunity

- There were no public comments.

3. Staff Updates

- Jared Tremblay gave an update on the 2024-27 TIP Amendment #1 call for projects, and noted they were due to MPO staff by Nov. 10th.
- Jared Tremblay informed members that the Electric Vehicle Readiness Plan RFP was out for review by City and KDOT staff.

4. KDOT Update

- Ryne Dowling noted the Q3 reimbursement for the FHMPO was sent out on Oct. 11th.

5. ACTION ITEM: Approve October 4, 2023 Meeting Minutes

- Casey Frisbie motioned and Anne Smith seconded. Motion passed unanimously

6. ACTION ITEM: Recommend approval of 2024 Unified Planning Work Program (UPWP)

- Jared Tremblay gave an overview of the 2024 UPWP and called out several items including; the addition of the Complete Streets line item (item 3.5) and the requirement through BIL that 2.5% of MPO work be directed towards Complete Streets. He also noted the large cost items including the TDM, USD 475 Geary County Safe Routes to School report, the EV Readiness Plan, and the ATA Bus Microtransit plans.
- John Adam motioned and Anne Smith seconded. Karen Becker abstained. Motion passed unanimously.

7. Adjournment by Chair

- The Chair adjourned the meeting at 1:19p

Next meeting scheduled for December 6, 2023

- Urbanized Area (UZA) - US Census
- Urban Area Boundary - FHWA
- MPO Boundary

