

EXAMPLE APPLICATION

KANE COUNTY DIVISION of TRANSPORTATION

Carl Schoedel, P.E.
Director of Transportation
County Engineer



41W011 Burlington Road
St. Charles, IL 60175
Phone: (630) 584-1170
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MEMORANDUM

DATE: June 14, 2024
TO: REGION 1/DISTRICT 1
Charles Riddle, P.E.
Bureau of Local Roads and Streets Engineer
Illinois Department of Transportation
201 West Center Court
Schaumburg, IL 60196
Attention: Marilyn Solomon, P.E., Local Roads Field Engineer

FROM: Carl Schoedel, P.E., County Engineer
RE: 2024 Highway Safety Improvement Program Call for Applications

Dear Mr. Riddle:

On behalf of Kane County, I am pleased to submit to you an application for HSIP funding to make systemic safety improvements at rural curves throughout the County. The goal of these improvements is to reduce the number of run off road and lane departure crashes occurring at rural curve locations identified in a previous study by the County.

Our Staff reviewed County crash data for high crash locations and hot spots within our roadway network and recommends these segments be prioritized for safety improvements. The 2018 to 2022 crash data revealed a high concentration of lane departure crashes.

Kane County intends to use the HSIP funding to provide a wider white edge line stripe, chevrons, additional warning signs, and/or advisory speed limit signs. These improvements will be performed as needed at locations identified in a previous study by the County. Several locations will receive warning flashing beacons on signs or a chip seal pavement treatment to increase curve awareness and lower wet-weather crash rates, the costs of which have been included within the requested HSIP funds. As these locations are already benefiting from other safety improvements with a combined CMF of 0.6 (the maximum allowed), these additional measures would not offer further benefit in the B/C analysis and were therefore conservatively grouped as non-safety improvements.

According to the cost-benefit tool provided by IDOT, the benefits significantly outweigh the costs of this project. I urge the State to award HSIP funding to improve the safety of this segment.

If you have any questions or require additional information, please contact our office. Thank you for considering our application.

Sincerely, 

Carl Schoedel, P.E. County Engineer

FY 2026 Highway Safety Improvement Program Grant Application

Kane County, IL

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Section 2

Local Roads & Streets Grant Application



Illinois Department of Transportation

Office of Highways Project Implementation / Bureau of Local Roads & Streets
2300 South Dirksen Parkway / Room 205 / Springfield, Illinois / 62764

Local Roads & Streets Grant Application

Program Information

1.	IDOT Grant Program	Local Highway Safety Improvement Program
2.	Solicitation Cycle	Fiscal Year 2026

Applicant Information

3.	Lead Applicant Name (Local Public Agency)	County of Kane (Kane County Division of Transportation)
4.	Partners/Co-Applicants	N/A
5.	Employer / Taxpayer Identification Number (EIN, TIN) for Lead Applicant	
6.	Organizational UEI Number (SAM.GOV) for Lead Applicant	
7.	Business Address for Lead Applicant	Street address: 719 S. Batavia Avenue City: Geneva State: Illinois County: Kane Zip + 4: 60134-3077

Applicant's Name and Contact Information for Person to be involving this Application

8.	First Name	Jacqueline
9.	Last Name	Forbes
10.	Suffix	
11.	Title	Chief of Planning and Programming
12.	Organizational Affiliation	Kane County Division of Transportation
13.	Telephone Number	630-444-3142
14.	Fax Number	
15.	Email address	forbesjackie@co.kane.il.us

Applicant's Project

16.	Description of Applicant's Project	The proposed project is a systemic improvement project focused on rural curves located around Kane County. These locations were previously identified for improvements in a study reviewing all rural curves within the County. Improvements will be applied based on the studies recommendations and will include: Adding wider outside striping, adding chevrons to the curving section,
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Illinois Department of Transportation

Office of Highways Project Implementation / Bureau of Local Roads & Streets
2300 South Dirksen Parkway / Room 205 / Springfield, Illinois / 62764

Local Roads & Streets Grant Application

		installing curve warning signs, and/or setting an advisory speed. In addition to these improvements the County plans to place warning flashers and a chip seal coating at a limited number of intersection locations. Both improvements are included as non-safety benefit improvements due to the limited effect of the improvements on BC and to reduce the number of improvement groupings needed by half making for easier review.
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Section 3

HSIP Candidate Form



Illinois Department of Transportation

HSIP Candidate Form

FY 2026

ID:	Contract:	Award Date:	Completion Date:
District: 1	County: Kane	City: Various	
Key route:	Marked route:		
Road Name: Various Locations Around Kane County		Intersecting Roadway: Various Locations Around Kane County N/A <input checked="" type="checkbox"/>	
Length: 27 total miles <input checked="" type="checkbox"/> N/A		Mile station: to	

Location Description: Lane and roadway departures

<input checked="" type="checkbox"/> Rural	<input type="checkbox"/> Urban	Lanes: NA
AADT(Segment): N/A		Total Entering AADT (Intersection): N/A
Friction Test Results: <input checked="" type="checkbox"/> N/A		Lighting Present: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
CHSP Emphasis Area(s): Lane and roadway departures. <input type="checkbox"/> District Documentation <input checked="" type="checkbox"/> Systematic Improvements <input type="checkbox"/> N/A		
Peer Group: 1- Rural, two-way street, 1-Rural, non-signalized intersection <input type="checkbox"/> N/A		

Other:

Crashes Details

Year	Total Crashes	Fatal Crashes	Fatalities	A-Injury Crashes	A-Injuries	B-Injury Crashes	B-Injuries	C-Injury Crashes	C-Injuries	PDO	Wet-Weather Crashes	Darkness (Not lighted) Crashes
2018	200	2	2	6	6	32	32	34	34	126	26	34
2019	188	0	0	3	3	25	25	21	21	139	37	26
2020	142	0	0	7	7	24	24	14	14	97	24	14
2021	154	2	2	9	9	24	24	15	15	104	21	22
2022	174	0	0	7	7	24	24	16	16	127	29	18
Total	858	4	4	32	32	129	129	100	100	593	137	114

Location Description: 120 rural curve locations identified throughout Kane County.

Problem Description: There is a pattern of collisions involving lane and roadway departures along curves throughout the County that is attempting to be addressed through this project.

Previous Safety Improvements: N/A

Collision Diagram: ☐ Y ☒ NImages: ☐ Y ☒ N

Predominant Crash Types: Rear end, turning left, and fixed object

Proposed Improvement(s): The proposed systematic improvements target rural curve locations around Kane County. Improvements will be applied based on the studies recommendations and will include: Adding wider outside striping, adding either chevrons to the curving section, installing curve warning signs, and/or setting an advisory speed. Installing flashing warning lights on signs and chip seal will be applied at some locations by the county as a non-safety benefit improvement.

Estimated Project Cost (\$000's): \$995,000

Benefit-Cost Ratio: 10.34

Local Projects:

Annual Fatal Crash Rate (Fatal Crashes/100 Miles): 2.96

Annual A-Injury Crash Rate (A-Injury Crashes/100 Miles): 23.70

Local Roads Rural Functional Class: Varies

Approved:

Central HSIP Approval Date:

Signed:

Funding: ☐ HSIP ☐ HRRR ☐ RAIL

State Safety Engineer

Comment:

Distribution:	<input type="checkbox"/> OPP	<input type="checkbox"/> District	<input type="checkbox"/> BSPE	<input type="checkbox"/> LRS	<input type="checkbox"/> BDE
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Section 4

Benefit and Cost Analysis

PROJECT DESCRIPTION - PROJECT DATA INPUT (LOCAL SEGMENTS)

<u>Project:</u>	KDOT Systemic - Group A				<u>Prepared by:</u>	Kyle Smith	
<u>District:</u>	1	<u>County:</u>	Kane	<u>City:</u>	Various	<u>Date</u>	6/5/2024
<u>Key Route:</u>	Various	<u>Marked Route:</u>		<u>MilePost:</u>		<u>Current AADT:</u>	8500
<u>Location:</u>	Group A						
<div><div><div>Crash data:</div><div><div>5</div><div>Years</div></div><div><div>From</div><div>2018</div><div>to</div><div>2022</div></div></div></div>						<u>Length (miles):</u>	15.8
						<u>Begin Station:</u>	
						<u>End Station:</u>	
						<u>Traffic Growth factor</u>	3.0%
						<u>Interest rate</u>	4.0%
<u>Peer Group:</u>	Peer Group 5 - Rural AADT >2,500 / two lanes						

Messages

Please provide a detailed cost estimation for all countermeasures along with this summary sheet.

4.6.7.S6.1 - Curves - Install chevron signs on horizontal curves does not fully match HSM Setting/Facility Type Criteria

4.6.11.S6.1 - Curves - Install a combination of chevron signs, curve warning signs, and/or sequential flashing beacons does not fully match HSM Setting/Facility Type C

4.6.11.S6.1 - Curves - Install a combination of chevron signs, curve warning signs, and/or sequential flashing beacons AADT is not within HSM limits

The combined effect of multiple countermeasures is limited to 0.60 or the smallest CMF

The analysis contains a User Defined Countermeasure (please provide supporting documentation)

LOCAL SEGMENTS CRASH SEVERITY DISTRIBUTION BY CRASH TYPE FOR ANALYSIS PERIOD

Crash Type	All Crashes (Aggregated crash input only)	CRASH TYPE																	SPECIAL CASE		Total
		Angle	Animal	Fixed Object	Head On	Left Turn	Other Noncollision	Other Object	Overtured	Pedestrian	Pedalcyclist	Parked Vehicle	Rear End	Right Turn	Sideswipe Same Direction	Sideswipe Opposite Direction	Turning	Train	Night Time	Wet Pavement	
Crash Severity	ALL	AG	AN	FO	HO	LT	OtherNC	OtherO	OVT	PD	PDC	PKV	RE	RT	SSD	SOD	T	TR	NGT	WP	TOT
Fatal Crashes				1	1														0	0	2
A-Injury Crashes		2		2	1	9							2		1				0	0	17
B-Injury Crashes		4		2		22				1	2		27	4	1	1			0	0	64
C-Injury Crashes		8	1		1	9		1					33	2					0	0	55
PDO Crashes		7	20	16	2	49	1	3	2	1			185	28	17	1			0	0	332

LOCAL SEGMENTS BENEFIT COST ANALYSIS

BENEFIT CALCULATIONS				COUNTERMEASURE COST CALCULATIONS						
COUNTERMEASURE		CMF *	Crash Type affected by this improvement	Unit Cost	Quantity	Units	Total Cost	Service Life	Present worth	EUAC **
4.6.7.S1.1 - Curves - Install chevron signs on horizontal curves		0.84	FO, HO, OtherNC, OtherO, OVT, SSD, SOD	\$563	537	Unit Qnty	\$302,063	10	\$302,063	\$37,250
4.3.10.SR.1 - Pavement Markings - Install wider edgelines (4 in to 6 in)		0.64	All	\$6,600	31.58	Miles	\$208,428	1	\$1,758,155	\$216,800
4.8.101.UD.1 - User Defined - Non-Safety Benefit: Chip Seal/Post Mounted Flasher		1.00	All	\$22,500	2.82	Unit Qnty	\$63,450	5	\$115,601	\$14,300
TOTAL BENEFIT		\$2,418,050		TOTAL COST						\$268,350

BENEFIT/ COST	9.00
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ANNUAL NUMBER OF FATALITIES POTENTIALLY PREVENTED	0.17
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TOTAL FATALITIES PREVENTED	0.85
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* CMF = Crash Modification Factor

** EUAC = Estimated Uniform Annual Cost

PROJECT DESCRIPTION - PROJECT DATA INPUT (LOCAL SEGMENTS)

<u>Project:</u>	KDOT Systemic - Group B				<u>Prepared by:</u>	Kyle Smith		
<u>District:</u>	1	<u>County:</u>	Kane	<u>City:</u>	Various	<u>Date</u>	6/5/2024	
<u>Key Route:</u>	Various	<u>Marked Route:</u>		<u>MilePost:</u>		<u>Current AADT:</u>	4500	
<u>Location:</u>	Group B							
							<u>Length (miles):</u>	2.2
							<u>Begin Station:</u>	
							<u>End Station:</u>	
							<u>Traffic Growth factor</u>	3.0%
							<u>Interest rate</u>	4.0%
<u>Crash data:</u>	5	Years						
	From	2018	to	2022				
<u>Peer Group:</u>	Peer Group 5 - Rural AADT >2,500 / two lanes							

Messages

Please provide a detailed cost estimation for all countermeasures along with this summary sheet.

4.6.7.S6.1 - Curves - Install chevron signs on horizontal curves does not fully match HSM Setting/Facility Type Criteria

4.6.11.S6.1 - Curves - Install a combination of chevron signs, curve warning signs, and/or sequential flashing beacons does not fully match HSM Setting/Facility Type C

4.6.11.S6.1 - Curves - Install a combination of chevron signs, curve warning signs, and/or sequential flashing beacons AADT is not within HSM limits

The combined effect of multiple countermeasures is limited to 0.60 or the smallest CMF

The analysis contains a User Defined Countermeasure (please provide supporting documentation)

LOCAL SEGMENTS CRASH SEVERITY DISTRIBUTION BY CRASH TYPE FOR ANALYSIS PERIOD

<u>Crash Type</u>	All Crashes (Aggregated crash input only)	CRASH TYPE																	SPECIAL CASE		Total
		Angle	Animal	Fixed Object	Head On	Left Turn	Other Noncollision	Other Object	Overtuned	Pedestrian	Pedalcyclist	Parked Vehicle	Rear End	Right Turn	Sideswipe Same Direction	Sideswipe Opposite Direction	Turning	Train	Night Time	Wet Pavement	
<u>Crash Severity</u>	ALL	AG	AN	FO	HO	LT	OtherNC	OtherO	OVT	PD	PDC	PKV	RE	RT	SSD	SOD	T	TR	NGT	WP	TOT
Fatal Crashes																			0	0	0
A-Injury Crashes																1			0	0	1
B-Injury Crashes				2									1			1			0	0	4
C-Injury Crashes		1		1		1										1			0	0	4
PDO Crashes				9		2		1	1				8			1			0	0	22

LOCAL SEGMENTS BENEFIT COST ANALYSIS

BENEFIT CALCULATIONS				COUNTERMEASURE COST CALCULATIONS						
COUNTERMEASURE		CMF *	Crash Type affected by this improvement	Unit Cost	Quantity	Units	Total Cost	Service Life	Present worth	EUAC **
4.3.10.SR.1 - Pavement Markings - Install wider edgelines (4 in to 6 in)		0.64	All	\$6,600	4.44	Miles	\$29,304	1	\$247,187	\$30,500
4.8.101.UD.1 - User Defined - Non-Safety Benefit: Chip Seal/Post Mounted Flasher		1.00	All	\$22,500	0.46	Unit Qnty	\$10,350	5	\$18,857	\$2,350
TOTAL BENEFIT		\$82,650		TOTAL COST						\$32,850

BENEFIT/ COST	2.50	ANNUAL NUMBER OF FATALITIES POTENTIALLY PREVENTED	0.00	TOTAL FATALITIES PREVENTED	0.00
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* CMF = Crash Modification Factor

** EUAC = Estimated Uniform Annual Cost

PROJECT DESCRIPTION - PROJECT DATA INPUT (LOCAL SEGMENTS)

<i>Project:</i>	KDOT Systemic - Group C				<i>Prepared by:</i>	Kyle Smith				
<i>District:</i>	1	<i>County:</i>	Kane	<i>City:</i>	Various	<i>Date</i>	6/5/2024			
<i>Key Route:</i>	Various	<i>Marked Route:</i>		<i>MilePost:</i>		<i>Current AADT:</i>	7000			
<i>Location:</i>	Group C									
							<i>Length (miles):</i>	0.5		
<i>Crash data:</i>	5	Years						<i>Begin Station:</i>		
	From	2018	to	2022					<i>End Station:</i>	
							<i>Traffic Growth factor</i>	3.0%		
<i>Peer Group:</i>	Peer Group 5 - Rural AADT >2,500 / two lanes								<i>Interest rate</i>	4.0%

Messages

Please provide a detailed cost estimation for all countermeasures along with this summary sheet.

4.6.7.S6.1 - Curves - Install chevron signs on horizontal curves does not fully match HSM Setting/Facility Type Criteria

4.6.11.S6.1 - Curves - Install a combination of chevron signs, curve warning signs, and/or sequential flashing beacons does not fully match HSM Setting/Facility Type C

4.6.11.S6.1 - Curves - Install a combination of chevron signs, curve warning signs, and/or sequential flashing beacons AADT is not within HSM limits

The combined effect of multiple countermeasures is limited to 0.60 or the smallest CMF

The analysis contains a User Defined Countermeasure (please provide supporting documentation)

LOCAL SEGMENTS CRASH SEVERITY DISTRIBUTION BY CRASH TYPE FOR ANALYSIS PERIOD

Crash Type	All Crashes (Aggregated crash input only)	CRASH TYPE																	SPECIAL CASE		Total
		Angle	Animal	Fixed Object	Head On	Left Turn	Other Noncollision	Other Object	Overturned	Pedestrian	Pedalcyclist	Parked Vehicle	Rear End	Right Turn	Sideswipe Same Direction	Sideswipe Opposite Direction	Turning	Train	Night Time	Wet Pavement	
Crash Severity	ALL	AG	AN	FO	HO	LT	OtherNC	OtherO	OVT	PD	PDC	PKV	RE	RT	SSD	SOD	T	TR	NGT	WP	TOT
Fatal Crashes						1					1								0	0	2
A-Injury Crashes			1		1	3		1	1				2						0	0	9
B-Injury Crashes		3	1	4	2	16	1	1					18	2	3				0	0	51
C-Injury Crashes		3	1	1		10			1				13			1			0	0	30
PDO Crashes		4	15	17		26	4	3	1				75	9	12	5			0	0	171

LOCAL SEGMENTS BENEFIT COST ANALYSIS

BENEFIT CALCULATIONS				COUNTERMEASURE COST CALCULATIONS						
COUNTERMEASURE		CMF *	Crash Type affected by this improvement	Unit Cost	Quantity	Units	Total Cost	Service Life	Present worth	EUAC **
4.6.5.AL.1 - Curves - Install Advanced Curve Speed/Warning Sign		0.87	All	\$1,250	46	Unit Qnty	\$57,500	10	\$57,500	\$7,100
4.6.7.S1.1 - Curves - Install chevron signs on horizontal curves		0.84	FO, HO, OtherNC, OtherO, OVT, SSD, SOD	\$563	189	Unit Qnty	\$106,313	10	\$106,313	\$13,150
4.3.10.SR.1 - Pavement Markings - Install wider edgelines (4 in to 6 in)		0.64	All	\$6,600	10.6	Miles	\$70,224	1	\$592,362	\$73,050
4.8.101.UD.1 - User Defined - Non-Safety Benefit: Chip Seal/Post Mounted Flasher		1.00	All	\$22,500	1.26	Unit Qnty	\$28,350	5	\$51,652	\$6,400
TOTAL BENEFIT		\$1,985,350		TOTAL COST						\$99,700

BENEFIT/ COST

19.90

ANNUAL NUMBER OF FATALITIES POTENTIALLY PREVENTED

0.17

TOTAL FATALITIES PREVENTED

0.85

* CMF = Crash Modification Factor

** EUAC = Estimated Uniform Annual Cost

<u>Project:</u>	KDOT Systemic - Group D					<u>Prepared by:</u>	Kyle Smith	
<u>District:</u>	1	<u>County:</u>	Kane	<u>City:</u>	Various	<u>Date</u>	6/5/2024	
<u>Key Route:</u>	Various	<u>Marked Route:</u>		<u>MilePost:</u>		<u>Current AADT:</u>	5000	
<u>Location:</u>	Group D							
							<u>Length (miles):</u>	3.6
							<u>Begin Station:</u>	
							<u>End Station:</u>	
							<u>Traffic Growth factor</u>	3.0%
							<u>Interest rate</u>	4.0%
<u>Crash data:</u>	5 Years							
	From	2018	to	2022				
<u>Peer Group:</u>	Peer Group 5 - Rural AADT >2,500 / two lanes							

Messages

Please provide a detailed cost estimation for all countermeasures along with this summary sheet.

4.6.7.S6.1 - Curves - Install chevron signs on horizontal curves does not fully match HSM Setting/Facility Type Criteria

4.6.11.S6.1 - Curves - Install a combination of chevron signs, curve warning signs, and/or sequential flashing beacons does not fully match HSM Setting/Facility Type C

4.6.11.S6.1 - Curves - Install a combination of chevron signs, curve warning signs, and/or sequential flashing beacons AADT is not within HSM limits

The combined effect of multiple countermeasures is limited to 0.60 or the smallest CMF

The analysis contains a User Defined Countermeasure (please provide supporting documentation)

Crash Type	All Crashes (Aggregated crash input only)	CRASH TYPE																	SPECIAL CASE		Total
		Angle	Animal	Fixed Object	Head On	Left Turn	Other Noncollision	Other Object	Overturned	Pedestrian	Pedalcyclist	Parked Vehicle	Rear End	Right Turn	Sideswipe Same Direction	Sideswipe Opposite Direction	Turning	Train	Night Time	Wet Pavement	
Crash Severity	ALL	AG	AN	FO	HO	LT	OtherNC	OtherO	OVT	PD	PDC	PKV	RE	RT	SSD	SOD	T	TR	NGT	WP	TOT
Fatal Crashes																			0	0	0
A-Injury Crashes				1		1							1			2			0	0	5
B-Injury Crashes			1			4			2				3						0	0	10
C-Injury Crashes		1		3		2							5						0	0	11
PDO Crashes		2	4	8		12	2						30	6	5				0	0	69

BENEFIT CALCULATIONS				COUNTERMEASURE COST CALCULATIONS							
COUNTERMEASURE		CMF *	Crash Type affected by this improvement	Unit Cost	Quantity	Units	Total Cost	Service Life	Present worth	EUAC **	
4.6.5.AL.1 - Curves - Install Advanced Curve Speed/Warning Sign		0.87	All	\$1,250	38	Unit Qnty	\$47,500	10	\$47,500	\$5,900	
4.3.10.SR.1 - Pavement Markings - Install wider edgelines (4 in to 6 in)		0.64	All	\$6,600	7.28	Miles	\$48,048	1	\$405,299	\$50,000	
4.8.101.UD.1 - User Defined - Non-Safety Benefit: Chip Seal/Post Mounted Flasher		1.00	All	\$22,500	0.98	Unit Qnty	\$22,050	5	\$40,173	\$5,000	
TOTAL BENEFIT		\$293,000		TOTAL COST							\$60,900

BENEFIT/ COST	4.80
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ANNUAL NUMBER OF FATALITIES POTENTIALLY PREVENTED	0.00
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TOTAL FATALITIES PREVENTED	0.00
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* CMF = Crash Modification Factor

** EUAC = Estimated Uniform Annual Cost

WEIGHTED B/C RATIO
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

Group	Location Count	Wide Edge & Center Striping	Chevrons	Advanced Warning	Advisory Speed Limit	Warning Flashers	Anti-Icing Chip Seal	EAUC	B/C RATIO	Construction Cost
A	65	X	X				Various	\$ 268,350	9.0	\$ 574,126
B	9	X					Various	\$ 32,850	2.5	\$ 39,654
C	24	X	X	X	X	Various	Various	\$ 99,700	19.9	\$ 263,153
D	20	X		X	X		Various	\$ 60,900	4.8	\$ 117,598
TOTAL COST / WEIGHTED B/C RATIO								\$ 461,800	10.34	\$ 994,531

Section 5

Crash Data and Analysis

ID

VARIOUS --- 120 LOCATIONS

PROJECT INFO:

Rural Curve Systemic Improvement

LOCATION INFO:

Kane County DOT - 2024 HSIP Application

County:

Kane County

Main ID: VARIOUS --- 120 LOCATIONS

Sub ID: ALL

Study Period Begin Year: 2018 to 2022

Analysis Period 5 years

YEAR	Rear End		Angle		Sideswipe Opposite Direction		Sideswipe Same Direction		Turning Left		Turning Right		Fixed Object		Overturned		Head On		Pedestrian		Other Object		Animal		Pedalcyclist		Other Non-Collision		TOTAL	
	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Count
2018	96	1 - A 12 - B 15 - C	9	1 - A 1 - B 4 - C	2	1 - C	12	2 - B	39	1 - K 4 - A 9 - B 10 - C	6	2 - B	15	1 - K 2 - B 2 - C	4	2 - B 1 - C					2		14	1 - B 1 - C	1	1 - B			200	2 - K 6 - A 32 - B 34 - C
2019	87	2 - A 9 - B 13 - C	4	2 - C	3	1 - B	7		39	1 - A 10 - B 4 - C	14		13	2 - B 1 - C	1		2	1 - B 1 - C			3		13	1 - B	1	1 - B	1		188	3 - A 25 - B 21 - C
2020	66	1 - A 9 - B 9 - C	6	2 - B 2 - C	3	1 - A	5	1 - B	29	2 - A 10 - B 2 - C	7		15	2 - A 2 - B			1	1 - A			2	1 - C	5				3		142	7 - A 24 - B 14 - C
2021	74	1 - A 13 - B 8 - C	8	1 - A 2 - B 2 - C	4	1 - A 1 - B 1 - C	4	1 - A 1 - B	27	2 - A 5 - B 3 - C	11	1 - B	11	1 - C	2	1 - A	3	1 - K 1 - A			1	1 - B	7	1 - A	1	1 - K	1		154	2 - K 9 - A 24 - B 15 - C
2022	80	6 - B 6 - C	8	2 - B 3 - C	2	1 - A	11		33	4 - A 8 - B 3 - C	13	3 - B 2 - C	13	1 - A 2 - B 1 - C	1		2	1 - B	1	1 - B	2	1 - A	5	1 - C			3	1 - B	174	7 - A 24 - B 16 - C
TOTAL	403	5 - A 49 - B 51 - C	35	2 - A 7 - B 13 - C	14	3 - A 2 - B 2 - C	39	1 - A 4 - B	167	1 - K 13 - A 42 - B 22 - C	51	6 - B 2 - C	67	1 - K 3 - A 8 - B 5 - C	8	1 - A 2 - B 1 - C	8	1 - K 2 - A 2 - B 1 - C	1	1 - B	10	1 - A 1 - B 1 - C	44	1 - A 1 - B 2 - C	3	1 - K 2 - B	8	1 - B	858	4 - K 32 - A 129 - B 100 - C
%	47.0%		4.1%		1.6%		4.5%		19.5%		5.9%		7.8%		0.9%		0.9%		0.1%		1.2%		5.1%		0.3%		0.9%			

YEAR	INJURY TYPE					
	K	A	B	C	PDO	TOTAL
2018	2	6	32	34	126	200
2019		3	25	21	139	188
2020		7	24	14	97	142
2021	2	9	24	15	104	154
2022		7	24	16	127	174
TOTAL	4	32	129	100	593	858

IDVARIOUS --- 66 LOCATIONS --- Group A

PROJECT INFO:Rural Curve Systemic Improvement

LOCATION INFO:Kane County DOT - 2024 HSIP Application

County:Kane County

Main ID: VARIOUS --- 66 LOCATIONS

Sub ID: Group A

Study Period Begin Year: 2018 to 2022

Analysis Period 5 years

YEAR	Rear End		Angle		Sideswipe Opposite Direction		Sideswipe Same Direction		Turning Left		Turning Right		Fixed Object		Overturned		Head On		Pedestrian		Other Object		Animal		Pedalcyclist		Other Non-Collision		TOTAL	
	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Count
2018	63	7 - B 9 - C	7	1 - A 3 - C	1		7	1 - B	14	3 - A 3 - B 2 - C	2	1 - B	7	1 - K 1 - B							2		8	1 - C	1	1 - B			112	1 - K 4 - A 14 - B 15 - C
2019	52	1 - A 6 - B 7 - C	1	1 - C	1	1 - B	5		19	1 - A 2 - B 1 - C	8		3		1		1	1 - C			1		6		1	1 - B			99	2 - A 10 - B 10 - C
2020	39	1 - A 4 - B 6 - C	4	1 - B 2 - C			1		21	2 - A 8 - B 1 - C	5		3	2 - A			1	1 - A			1	1 - C	2					77	6 - A 13 - B 10 - C	
2021	44	7 - B 6 - C	5	1 - A 2 - B 1 - C			2	1 - A	13	1 - A 4 - B 2 - C	7		4		1		2	1 - K					3					81	1 - K 3 - A 13 - B 9 - C	
2022	49	3 - B 5 - C	4	1 - B 1 - C			4		22	2 - A 5 - B 3 - C	12	3 - B 2 - C	4	1 - B			1		1	1 - B			2			1		100	2 - A 14 - B 11 - C	
TOTAL	247	2 - A 27 - B 33 - C	21	2 - A 4 - B 8 - C	2	1 - B	19	1 - A 1 - B	89	9 - A 22 - B 9 - C	34	4 - B 2 - C	21	1 - K 2 - A 2 - B	2		5	1 - K 1 - A 1 - C	1	1 - B	4	1 - C	21	1 - C	2	2 - B	1		469	2 - K 17 - A 64 - B 55 - C
%	52.7%		4.5%		0.4%		4.1%		19.0%		7.2%		4.5%		0.4%		1.1%		0.2%		0.9%		4.5%		0.4%		0.2%			

INJURY TYPE						
YEAR	K	A	B	C	PDO	TOTAL
2018	1	4	14	15	78	112
2019		2	10	10	77	99
2020		6	13	10	48	77
2021	1	3	13	9	55	81
2022		2	14	11	73	100
TOTAL	2	17	64	55	331	469

ID

VARIOUS --- 9 LOCATIONS --- Group B

PROJECT INFO:

Rural Curve Systemic Improvement

LOCATION INFO:

Kane County DOT - 2024 HSIP Application

County:

Kane County

Main ID: VARIOUS --- 9 LOCATIONS

Sub ID: Group B

Study Period Begin Year: 2018 to 2022

Analysis Period 5 years

YEAR	Rear End		Angle		Sideswipe Opposite Direction		Sideswipe Same Direction		Turning Left		Turning Right		Fixed Object		Overturned		Head On		Pedestrian		Other Object		Animal		Pedalcyclist		Other Non-Collision		TOTAL	
	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Count
2018	3				1	1 - C			2	1 - C			2																8	2 - C
2019	1	1 - B							1				2	1 - C															4	1 - B 1 - C
2020													5	1 - B							1								6	1 - B
2021	2		1	1 - C	3	1 - A 1 - B							1																7	1 - A 1 - B 1 - C
2022	3												2	1 - B	1														6	1 - B
TOTAL	9	1 - B	1	1 - C	4	1 - A 1 - B 1 - C	0		3	1 - C	0		12	2 - B 1 - C	1		0		0		1		0		0		0		31	1 - A 4 - B 4 - C
%	29.0%		3.2%		12.9%		0.0%		9.7%		0.0%		38.7%		3.2%		0.0%		0.0%		3.2%		0.0%		0.0%		0.0%			

YEAR	INJURY TYPE					
	K	A	B	C	PDO	TOTAL
2018				2	6	8
2019			1	1	2	4
2020			1		5	6
2021		1	1	1	4	7
2022			1		5	6
TOTAL	0	1	4	4	22	31

ID

VARIOUS --- 22 LOCATIONS --- Group C

PROJECT INFO:

Rural Curve Systemic Improvement

LOCATION INFO:

Kane County DOT - 2024 HSIP Application

County:

Kane County

Main ID: VARIOUS --- 22 LOCATIONS

Sub ID: Group C

Study Period Begin Year: 2018 to 2022

Analysis Period 5 years

YEAR	Rear End		Angle		Sideswipe Opposite Direction		Sideswipe Same Direction		Turning Left		Turning Right		Fixed Object		Overturned		Head On		Pedestrian		Other Object		Animal		Pedalcyclist		Other Non-Collision		TOTAL	
	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Count
2018	20	4 - B 4 - C	1	1 - B			3	1 - B	17	1 - K 1 - A 5 - B 6 - C	3	1 - B	5	1 - B 1 - C	2	1 - C							6	1 - B					57	1 - K 1 - A 14 - B 12 - C
2019	27	1 - A 1 - B 5 - C	2	1 - C	2		2		18	7 - B 3 - C	4		5	2 - B			1	1 - B			2		6				1		70	1 - A 11 - B 9 - C
2020	21	5 - B 2 - C	2	1 - B	2		2	1 - B	2	1 - B	1		5	1 - B									1				1		37	9 - B 2 - C
2021	19	1 - A 5 - B 1 - C	2		1	1 - C	2	1 - B	12	1 - B 1 - C	3	1 - B	3		1	1 - A	1	1 - A			1	1 - B	2	1 - A	1	1 - K	1		49	1 - K 4 - A 9 - B 3 - C
2022	21	3 - B 1 - C	3	1 - B 2 - C	1		6		7	2 - A 2 - B			4				1	1 - B			2	1 - A	3	1 - C			2	1 - B	50	3 - A 8 - B 4 - C
TOTAL	108	2 - A 18 - B 13 - C	10	3 - B 3 - C	6	1 - C	15	3 - B	56	1 - K 3 - A 16 - B 10 - C	11	2 - B	22	4 - B 1 - C	3	1 - A 1 - C	3	1 - A 2 - B	0		5	1 - A 1 - B	18	1 - A 1 - B 1 - C	1	1 - K	5	1 - B	263	2 - K 9 - A 51 - B 30 - C
%	41.1%		3.8%		2.3%		5.7%		21.3%		4.2%		8.4%		1.1%		1.1%		0.0%		1.9%		6.8%		0.4%		1.9%			

INJURY TYPE						
YEAR	K	A	B	C	PDO	TOTAL
2018	1	1	14	12	29	57
2019		1	11	9	49	70
2020			9	2	26	37
2021	1	4	9	3	32	49
2022		3	8	4	35	50
TOTAL	2	9	51	30	171	263

IDVARIOUS --- 21 LOCATIONS --- Group D

LOCATION INFO:Kane County Systemic Raw Curves

PG, FC & ADTGroup D

County:Kane County

Main ID: VARIOUS --- 21 LOCATIONS

Sub ID: Group D

Study Period Begin Year: 2018 to 2022

Analysis Period 5 years

YEAR	Rear End		Angle		Sideswipe Opposite Direction		Sideswipe Same Direction		Turning Left		Turning Right		Fixed Object		Overturned		Head On		Pedestrian		Other Object		Animal		Pedalcyclist		Other Non-Collision		TOTAL	
	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Type	Crash Count	Injury Count
2018	10	1 - A 1 - B 2 - C	1	1 - C			2		6	1 - B 1 - C	1		1	1 - C	2	2 - B													23	1 - A 4 - B 5 - C
2019	7	1 - B 1 - C	1						1	1 - B	2		3										1	1 - B					15	3 - B 1 - C
2020	6	1 - C			1	1 - A	2		6	1 - B 1 - C	1		2										2			2		22	1 - A 1 - B 2 - C	
2021	9	1 - B 1 - C							2	1 - A	1		3	1 - C									2						17	1 - A 1 - B 2 - C
2022	7		1		1	1 - A	1		4	1 - B	1		3	1 - A 1 - C															18	2 - A 1 - B 1 - C
TOTAL	39	1 - A 3 - B 5 - C	3	1 - C	2	2 - A	5		19	1 - A 4 - B 2 - C	6		12	1 - A 3 - C	2	2 - B	0		0		0		5	1 - B	0		2		95	5 - A 10 - B 11 - C
%	41.1%		3.2%		2.1%		5.3%		20.0%		6.3%		12.6%		2.1%		0.0%		0.0%		0.0%		5.3%		0.0%		2.1%			

YEAR	INJURY TYPE					
	K	A	B	C	PDO	TOTAL
2018		1	4	5	13	23
2019			3	1	11	15
2020		1	1	2	18	22
2021		1	1	2	13	17
2022		2	1	1	14	18
TOTAL	0	5	10	11	69	95

RAW CRASH DATA
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

CountyHwy	New_Curve_ID	CASE_ID	YEAR	MONTH	DAY	HOUR	COLL_TYPE	Curve Group	WEATHER	LIGHTING	VEH1_DIR	VEH1_MANUV	VEH1_EVNT1	VEH1_LOC1	REC_TYPE
CH35	CH35_0.00-0.05	201801469657	18	09	08	16	Turning	D	Clear	Daylight	Southwest	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH35	CH35_0.00-0.05	201801487571	18	11	23	19	Turning	D	Rain	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH35	CH35_0.00-0.05	201801471849	18	09	23	13	Angle	D	Clear	Daylight	East	Straight Ahead	Motor Vehicle In Traffic	Intersection	C-Injury
CH35	CH35_0.00-0.05	201901269514	19	04	24	08	Angle	D	Clear	Daylight	East	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH35	CH35_0.00-0.05	201801458435	18	08	01	17	Front to Rear	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH35	CH35_0.00-0.05	201801448742	18	06	18	14	Overturned	D	Clear	Daylight	South	Skidding/Control Loss	Overturn	Off Pavement - Left	B-Injury
CH29	CH29_0.30-0.41	202201266239	22	08	21	18	Fixed Object	B	Clear	Daylight	Southeast	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Right	PD
CH29	CH29_0.30-0.41	202001268345	20	09	17	18	Parked Motor Vehicle	B	Clear	Daylight	North	Backing	Hit Parked Vehicle	On Pavement (Roadway)	PD
CH29	CH29_0.30-0.41	202201068920	22	02	26	20	Overturned	B	Clear	Darkness	Southeast	Negotiating A Curve	Ran Off Roadway	Off Pavement - Right	PD
CH29	CH29_0.30-0.41	201901294525	19	06	04	13	Turning	B	Clear	Daylight	West	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH29	CH29_0.30-0.41	202001103728	20	01	04	01	Fixed Object	B	Darkness, Lighted Road	Darkness	Northeast	Skidding/Control Loss	Ran Off Roadway	Other	B-Injury
CH29	CH29_0.30-0.41	202201132632	22	04	28	16	Front to Rear	B	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH29	CH29_0.30-0.41	201801453462	18	07	07	03	Fixed Object	B	Clear	Daylight	South	Straight Ahead	Other Fixed Object	Off Pavement - Right	PD
CH29	CH29_0.30-0.41	201801413417	18	01	17	16	Front to Rear	B	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH29	CH29_0.17-0.24	202201311234	22	09	30	01	Pedestrian	A	Clear	Darkness	South	Backing	Pedestrian	Other	B-Injury
CH29	CH29_0.17-0.24	201801447738	18	06	13	13	Turning	A	Clear	Daylight	Northeast	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH29	CH29_0.17-0.24	201801442060	18	05	19	21	Fixed Object	A	Clear	Darkness	North	Straight Ahead	Ran Off Roadway	Off Pavement - Left	PD
CH29	CH29_0.17-0.24	201801474590	18	10	06	18	Fixed Object	A	Clear	Daylight	North	Turning Left	Other Fixed Object	Intersection	PD
CH24	CH24_10.50-10.95	201901203889	19	02	25	16	Turning	A	Clear	Daylight	North	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH29	CH29_1.79-2.03	201801465890	18	08	24	18	Turning	A	Cloudy/Overcast	Daylight	South	U-Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH24	CH24_8.03-8.24	202101103758	21	01	25	12	Turning	A	Clear	Daylight	North	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH24	CH24_8.03-8.24	202001210527	20	03	13	17	Turning	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH24	CH24_8.03-8.24	202101092364	21	03	24	12	Angle	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	A-Injury
CH24	CH24_13.07-13.25	202201324640	22	10	11	11	Angle	A	Cloudy/Overcast	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	B-Injury
CH78	CH78_0.12-0.31	202001214334	20	08	21	12	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH78	CH78_0.12-0.31	201901040804	19	01	31	20	Animal	C	Snow	Darkness	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH78	CH78_0.40-0.57	201801015027	18	01	05	17	Animal	A	Clear	Darkness	North	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH78	CH78_0.40-0.57	201801123912	18	04	25	09	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH78	CH78_0.40-0.57	202201376975	22	11	18	18	Animal	A	Clear	Darkness	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH78	CH78_0.40-0.57	201801456856	18	07	24	15	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH78	CH78_0.40-0.57	201801011064	18	01	02	06	Animal	A	Clear	Darkness	Northeast	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH78	CH78_0.40-0.57	201801423601	18	02	26	12	Front to Rear	A	Clear	Daylight	Northeast	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH78	CH78_0.40-0.57	202101289766	21	08	25	10	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH78	CH78_0.40-0.57	202201170239	22	05	23	13	Front to Rear	A	Clear	Daylight	Southwest	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH78	CH78_0.40-0.57	201801445844	18	06	05	10	Pedalcyclist	A	Clear	Daylight	South	Straight Ahead	Pedalcyclist	On Pavement (Roadway)	B-Injury
CH78	CH78_0.40-0.57	201801454578	18	07	13	16	Front to Rear	A	Clear	Daylight	Southwest	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH78	CH78_0.40-0.57	202101197940	21	06	20	13	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH78	CH78_0.40-0.57	201801489275	18	11	30	17	Animal	A	Clear	Darkness	Southwest	Straight Ahead	Deer	On Pavement (Roadway)	C-Injury
CH78	CH78_0.40-0.57	202101383372	21	11	07	17	Animal	A	Clear	Darkness	Northeast	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH78	CH78_0.61-0.79	201801466927	18	09	10	16	Fixed Object	A	Clear	Daylight	North	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Right	PD
CH78	CH78_0.61-0.79	201801209549	18	02	10	18	Animal	A	Clear	Darkness	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH78	CH78_0.61-0.79	202101425745	21	12	06	05	Fixed Object	A	Clear	Darkness	South	Straight Ahead	Ran Off Roadway	Other	PD
CH78	CH78_0.61-0.79	201901410710	19	11	05	17	Animal	A	Clear	Darkness	North	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH78	CH78_0.79-0.96	202201340698	22	10	22	17	Turning	C	Clear	Daylight	West	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH04	CH04_8.69-8.91	201801034365	18	01	24	05	Fixed Object	C	Sleet/Hail	Darkness	South	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Right	C-Injury
CH04	CH04_8.69-8.91	201801377152	18	12	05	16	Animal	C	Clear	Dusk	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH04	CH04_8.69-8.91	201901397977	19	11	04	18	Animal	C	Clear	Darkness	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH04	CH04_8.69-8.91	202101345772	21	10	21	14	Turning	C	Cloudy/Overcast	Daylight	Southeast	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH04	CH04_8.69-8.91	202201070596	22	02	28	07	Front to Rear	C	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH04	CH04_8.69-8.91	202101296719	21	09	16	18	Turning	C	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH04	CH04_8.69-8.91	201801054509	18	02	13	18	Turning	C	Clear	Darkness	South	Turning Right	Motor Vehicle In Traffic	Intersection	PD
CH04	CH04_8.69-8.91	202201350437	22	10	21	19	Animal	C	Clear	Darkness	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH04	CH04_8.69-8.91	202101170634	21	06	07	17	Turning	C	Rain	Daylight	South	Turning Right	Motor Vehicle In Traffic	Intersection	B-Injury
CH04	CH04_8.69-8.91	201901168131	19	06	01	13	Front to Rear	C	Clear	Daylight	Southeast	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH04	CH04_8.69-8.91	201801345341	18	11	08	14	Animal	C	Clear	Daylight	North	Negotiating A Curve	Other Animal	On Pavement (Roadway)	PD
CH04	CH04_8.69-8.91	201801179535	18	06	13	20	Animal	C	Clear	Darkness	South	Straight Ahead	Deer	On Pavement (Roadway)	B-Injury
CH83	CH83_5.05-5.45	201801496003	18	12	28	17	Front to Rear	A	Snow	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	201901303458	19	08	24	22	Sideswipe Same Direction	A	Clear	Darkness, Lighted Road	North	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	201801439305	18	05	08	17	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	201801291301	18	09	22	10	Sideswipe Same Direction	A	Clear	Daylight	North	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	201801248942	18	08	10	20	Front to Rear	A	Clear	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	202001122296	20	01	25	16	Turning	A	Rain	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH83	CH83_5.05-5.45	202001364602	20	11	04	15	Turning	A	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH83	CH83_5.05-5.45	201801129644	18	04	28	09	Turning	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	C-Injury
CH83	CH83_5.05-5.45	202201387214	22	09	12	11	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH83	CH83_5.05-5.45	202001367205	20	11	24	05	Turning	A	Snow	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	202201073137	22	01	28	05	Turning	A	Snow	Darkness, Lighted Road	South	Turning Right	Motor Vehicle In Traffic	Intersection	PD
CH83	CH83_5.05-5.45	201901356961	19	09	20	05	Front to Rear	A	Clear	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	202201231171	22	07	09	10	Turning	A	Clear	Daylight	North	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	201801410753	18	01	09	20	Front to Rear	A	Clear	Darkness	Northwest	Slow/Stop - Right Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	201801031942	18	01	23	15	Turning	A	Cloudy/Overcast	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH83	CH83_5.05-5.45	201801409880	18	01	06	10	Sideswipe Same Direction	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH83	CH83_5.05-5.45	202201253013	22	08	07	07	Sideswipe Same Direction	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	202001155753	20	02	18	15	Turning	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	201901474986	19	10	12	15	Turning	A	Clear	Daylight	South	U-Turn	Motor Vehicle In Traffic	Intersection	PD
CH83	CH83_5.05-5.45	202001369946	20	12	25	19	Front to Rear	A	Clear	Darkness, Lighted Road	South	Unknown	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	202201053470	22	02	03	15	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	201901299357	19	06	15	20	Front to Rear	A	Clear	Dawn	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	202201072838	22	01	26	17	Front to Rear	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	202201435002	22	12	13	17	Front to Rear	A	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	202201428978	22	11	08	14	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	201801342849	18	11	01	18	Front to Rear	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	202001301684	20	11	13	09	Sideswipe Same Direction	A	Clear	Daylight	South	Passing/Overtaking	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH83	CH83_5.05-5.45	202101071006	21	03	06	19	Turning	A	Clear	Darkness, Lighted Road	Southeast	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD

RAW CRASH DATA
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

CountyHwy	New_Curve_ID	CASE_ID	YEAR	MONTH	DAY	HOUR	COLL_TYPE	Curve Group	WEATHER	LIGHTING	VEH1_DIR	VEH1_MANUV	VEH1_EVNT1	VEH1_LOC1	REC_TYPE
CH83	CH83_5.05-5.45	201901308559	19	06	30	12	Sideswipe Same Direction	A	Clear	Daylight	North	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH71	CH71_0.02-0.26	202001204175	20	08	12	08	Turning	A	Clear	Daylight	North	U-Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_0.16-0.37	202101304368	21	09	24	12	Fixed Object	A	Clear	Daylight	North	Other	Other Fixed Object	Off Pavement - Right	PD
CH10	CH10_5.61-5.91	201801150337	18	05	18	12	Angle	A	Clear	Daylight	Southwest	Slow/Stop - Left Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH84	CH84_0.00-0.07	202001369922	20	12	24	17	Front to Rear	D	Freezing Rain	Darkness, Lighted Road	South	Unknown	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH84	CH84_0.00-0.07	201901153418	19	01	12	10	Front to Rear	D	Snow	Daylight	South	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH84	CH84_0.00-0.07	201801458471	18	08	01	14	Front to Rear	D	Clear	Daylight	South	Slow/Stop - Right Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	201801144603	18	05	06	16	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_5.33-5.58	202201240433	22	07	25	15	Sideswipe Same Direction	A	Clear	Daylight	North	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	201801274357	18	09	06	13	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	201901319509	19	07	22	15	Turning	A	Clear	Daylight	East	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_5.33-5.58	201901304457	19	06	21	23	Front to Rear	A	Clear	Darkness, Lighted Road	South	Passing/Overtaking	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	202001301173	20	06	03	17	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_5.33-5.58	201801459869	18	08	06	21	Front to Rear	A	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	202201412960	22	10	19	22	Turning	A	Clear	Darkness, Lighted Road	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_5.33-5.58	201901394496	19	09	24	15	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH34	CH34_5.33-5.58	201801472233	18	09	25	06	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	202001299585	20	05	18	08	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	202001336043	20	07	18	13	Front to Rear	A	Cloudy/Overcast	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	202201065314	22	01	07	18	Front to Rear	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	202201436144	22	12	27	15	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	201801461871	18	08	16	13	Front to Rear	A	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	202001206105	20	02	26	17	Front to Rear	A	Snow	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	201801475452	18	11	10	10	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	201801471907	18	09	23	12	Front to Rear	A	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_5.33-5.58	202001318777	20	06	11	14	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_5.33-5.58	202001367564	20	11	13	15	Angle	A	Clear	Daylight	South	Merging	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	201801483982	18	11	11	17	Front to Rear	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_5.33-5.58	201901346540	19	08	24	12	Pedalcyclist	A	Clear	Daylight	N/A	N/A	N/A	N/A	B-Injury
CH34	CH34_5.33-5.58	202201236722	22	06	16	12	Front to Rear	A	Clear	Daylight	North	Avoiding Vehicle/Objects	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH81	CH81_1.63-1.85	201901485806	19	12	15	10	Angle	A	Clear	Daylight	East	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH81	CH81_1.63-1.85	202201407156	22	10	10	13	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH81	CH81_1.63-1.85	202201170163	22	05	21	13	Front to Rear	A	Rain	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH81	CH81_1.63-1.85	201801489085	18	11	28	16	Front to Rear	A	Clear	Dusk	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH81	CH81_1.63-1.85	202101117118	21	02	22	07	Turning	A	Cloudy/Overcast	Daylight	South	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH81	CH81_1.63-1.85	201801423048	18	02	23	11	Angle	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH81	CH81_1.63-1.85	202101289864	21	08	26	16	Front to Rear	A	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH81	CH81_1.63-1.85	201901187530	19	02	07	10	Turning	A	Rain	Daylight	South	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH81	CH81_1.63-1.85	201801480894	18	11	01	08	Animal	A	Clear	Daylight	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH23	CH23_0.53-0.68	202001135051	20	02	04	07	Fixed Object	B	Cloudy/Overcast	Daylight	North	Straight Ahead	Ran Off Roadway	Off Pavement - Right	PD
CH81	CH81_2.24-2.37	202001347754	20	12	15	16	Turning	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH81	CH81_2.24-2.37	202001166116	20	06	28	13	Angle	A	Clear	Daylight	East	Straight Ahead	Motor Vehicle In Traffic	Intersection	C-Injury
CH81	CH81_2.24-2.37	202001135113	20	05	15	15	Angle	A	Clear	Daylight	West	Straight Ahead	Motor Vehicle In Traffic	Intersection	B-Injury
CH81	CH81_2.24-2.37	201901329460	19	07	30	21	Overturned	A	Clear	Darkness	South	Straight Ahead	Ran Off Roadway	Off Pavement - Right	PD
CH81	CH81_2.24-2.37	201901214191	19	06	22	07	Turning	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH81	CH81_2.24-2.37	202101365652	21	10	28	21	Fixed Object	A	Rain	Darkness, Lighted Road	North	Negotiating A Curve	Other Fixed Object	Off Pavement - Left	PD
CH81	CH81_2.24-2.37	202201012366	22	01	04	08	Angle	A	Clear	Daylight	West	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH81	CH81_2.24-2.37	202201240458	22	07	25	10	Turning	A	Clear	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH81	CH81_2.24-2.37	202201045980	22	02	02	07	Front to Rear	A	Snow	Daylight	South	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH81	CH81_2.24-2.37	201801477989	18	10	20	19	Animal	A	Clear	Darkness	North	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH81	CH81_2.99-3.13	202001139776	20	06	05	02	Fixed Object	B	Clear	Daylight	North	Negotiating A Curve	Ran Off Roadway	Off Pavement - Right	PD
CH81	CH81_2.99-3.13	202001025434	20	01	19	19	Fixed Object	B	Clear	Darkness	North	Straight Ahead	Ran Off Roadway	Off Pavement - Right	PD
CH81	CH81_2.99-3.13	201801485139	18	11	15	20	Front to Rear	B	Sleet/Hail	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH81	CH81_2.99-3.13	202101140841	21	05	10	01	Front to Rear	B	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH81	CH81_2.99-3.13	201801416626	18	01	29	06	Turning	B	Clear	Daylight	North	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH77	CH77_7.85-8.11	201901319283	19	07	19	16	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH77	CH77_7.85-8.11	201901478790	19	12	09	16	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH77	CH77_7.85-8.11	201801480580	18	10	31	08	Front to Rear	A	Rain	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_7.85-8.11	202001066653	20	01	30	07	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_7.85-8.11	201901452033	19	10	03	15	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_7.85-8.11	202101372935	21	01	23	06	Fixed Object	A	Clear	Daylight	North	Merging	Ran Off Roadway	Off Pavement - Left	PD
CH77	CH77_7.85-8.11	201901457758	19	10	22	07	Turning	A	Rain	Dawn	West	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_7.85-8.11	201801425262	18	03	06	18	Front to Rear	A	Snow	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH77	CH77_7.85-8.11	202001275835	20	09	28	14	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH77	CH77_7.85-8.11	201801428172	18	03	19	07	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH77	CH77_7.85-8.11	202001298036	20	05	10	01	Front to Rear	A	Clear	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_7.85-8.11	201801460131	18	08	07	13	Front to Rear	A	Rain	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_7.85-8.11	202101126241	21	03	19	15	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_7.85-8.11	201901450486	19	09	25	07	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_7.85-8.11	202101192998	21	05	25	13	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_7.85-8.11	202201433155	22	12	22	11	Sideswipe Same Direction	A	Snow	Daylight	South	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_7.85-8.11	202001322303	20	06	18	19	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH77	CH77_7.85-8.11	201801457168	18	07	25	15	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH77	CH77_7.85-8.11	202201412949	22	10	19	16	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_8.26-8.54	202001053056	20	01	10	20	Front to Front	A	Rain	Darkness	Northwest	Driving Wrong Way	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH77	CH77_8.26-8.54	202201415273	22	10	25	07	Front to Rear	A	Rain	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_8.26-8.54	201901294252	19	06	03	09	Sideswipe Opposite Direction	A	Clear	Daylight	South	Driving Wrong Way	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH02	CH02_0.01-0.63	201901455250	19	12	20	17	Front to Rear	C	Clear	Darkness, Lighted Road	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH02	CH02_0.01-0.63	202101061391	21	02	22	03	Fixed Object	C	Freezing Rain	Darkness	Southeast	Straight Ahead	Ran Off Roadway	Off Pavement - Right	PD
CH77	CH77_8.69-8.97	201901186620	19	02	04	14	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH77	CH77_8.69-8.97	202101120940	21	02	13	00	Overturned	A	Snow	Darkness	North	Straight Ahead	Ran Off Roadway	Off Pavement - Right	PD
CH02	CH02_0.01-0.63	202201406736	22	12	08	17	Front to Rear	C	Clear	Darkness, Lighted Road	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH02	CH02_0.01-0.63	201901108384	19	04	10	16	Turning	C	Rain	Daylight	Northeast	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH02	CH02_0.01-0.63	201901137829	19	05	04	16	Turning	C	Clear	Daylight	West	Turning Left	Motor Vehicle In Traffic	Intersection	C-Injury

RAW CRASH DATA
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

CountyHwy	New_Curve_ID	CASE_ID	YEAR	MONTH	DAY	HOUR	COLL_TYPE	Curve Group	WEATHER	LIGHTING	VEH1_DIR	VEH1_MANUV	VEH1_EVNT1	VEH1_LOC1	REC_TYPE
CH02	CH02_0.01-0.63	201901152209	19	05	19	14	Turning	C	Clear	Daylight	West	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH02	CH02_0.01-0.63	201801473338	18	10	01	07	Turning	C	Fog/Smoke/Haze	Daylight	Southwest	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH02	CH02_0.01-0.63	202001262919	20	09	20	22	Fixed Object	C	Clear	Darkness, Lighted Road	North	Straight Ahead	Curb	On Pavement (Roadway)	PD
CH02	CH02_0.01-0.63	201901463257	19	12	27	22	Animal	C	Clear	Darkness, Lighted Road	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH02	CH02_0.01-0.63	201901394143	19	10	30	06	Turning	C	Snow	Darkness, Lighted Road	West	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH02	CH02_0.01-0.63	202201065347	22	02	19	21	Other Object	C	Clear	Darkness, Lighted Road	North	Straight Ahead	Ran Off Roadway	Other	PD
CH02	CH02_0.01-0.63	202201187627	22	06	14	10	Front to Rear	C	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_0.00-0.19	202101206835	21	05	11	16	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_0.00-0.19	201901451925	19	10	02	09	Sideswipe Opposite Direction	C	Rain	Daylight	North	Negotiating A Curve	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_0.00-0.19	202001064092	20	01	17	20	Sideswipe Opposite Direction	C	Snow	Darkness, Lighted Road	North	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_0.00-0.19	202201072663	22	01	24	07	Sideswipe Opposite Direction	C	Snow	Dawn	North	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_0.00-0.19	202101433131	21	12	10	17	Front to Rear	C	Rain	Dusk	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH19	CH19_0.00-0.19	202201066142	22	01	08	15	Fixed Object	C	Freezing Rain	Daylight	North	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Left	PD
CH19	CH19_0.00-0.19	202201435592	22	12	21	11	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_0.00-0.19	202201088222	22	02	11	00	Fixed Object	C	Snow	Darkness, Lighted Road	North	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Left	PD
CH19	CH19_0.00-0.19	201801473267	18	10	01	00	Fixed Object	C	Rain	Darkness, Lighted Road	North	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Left	B-Injury
CH19	CH19_0.00-0.19	201901154858	19	01	12	14	Front to Rear	C	Snow	Daylight	Northeast	Skidding/Control Loss	Other Non-Collision	On Pavement (Roadway)	PD
CH19	CH19_0.00-0.19	202001370372	20	12	29	17	Front to Rear	C	Snow	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH19	CH19_0.00-0.19	201801478355	18	10	19	19	Turning	C	Clear	Darkness, Lighted Road	Northeast	Turning Left	Motor Vehicle In Traffic	Intersection	C-Injury
CH19	CH19_0.00-0.19	201901346096	19	08	25	16	Front to Rear	C	Rain	Daylight	Northeast	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH19	CH19_0.00-0.19	201801493358	18	12	14	16	Turning	C	Rain	Darkness, Lighted Road	Northeast	Turning Left	Motor Vehicle In Traffic	Intersection	C-Injury
CH19	CH19_0.00-0.19	202201435905	22	12	24	15	Turning	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH19	CH19_0.00-0.19	202201197504	22	06	07	09	Parked Motor Vehicle	C	Clear	Daylight	North	Negotiating A Curve	Hit Parked Vehicle	On Pavement (Roadway)	A-Injury
CH19	CH19_0.00-0.19	202201403762	22	10	02	14	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH02	CH02_0.01-0.63	202101212519	21	07	07	21	Animal	C	Clear	Darkness	South	Straight Ahead	Deer	On Pavement (Roadway)	A-Injury
CH02	CH02_0.01-0.63	202101129299	21	05	01	11	Turning	C	Clear	Daylight	North	U-Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH02	CH02_0.98-1.18	202101305803	21	09	26	13	Turning	C	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH02	CH02_0.98-1.18	202201268601	22	08	13	13	Front to Front	C	Clear	Daylight	Northwest	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH02	CH02_0.98-1.18	202101359125	21	05	28	15	Pedalcyclist	C	Clear	Daylight	N/A	N/A	N/A	N/A	Fatal
CH02	CH02_0.98-1.18	201901333440	19	09	17	13	Fixed Object	C	Clear	Daylight	South	Negotiating A Curve	Ran Off Roadway	Off Pavement - Right	B-Injury
CH02	CH02_0.98-1.18	202001181209	20	07	12	16	Fixed Object	C	Clear	Daylight	South	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Right	PD
CH02	CH02_0.98-1.18	202001122175	20	05	17	16	Fixed Object	C	Rain	Daylight	South	Straight Ahead	Ran Off Roadway	Off Pavement - Right	B-Injury
CH02	CH02_0.98-1.18	201901463255	19	12	28	04	Fixed Object	C	Clear	Darkness	South	Straight Ahead	Other Fixed Object	Off Pavement - Right	PD
CH02	CH02_0.98-1.18	202001014858	20	01	03	17	Animal	C	Clear	Darkness, Lighted Road	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH02	CH02_0.98-1.18	202201380965	22	11	18	16	Animal	C	Snow	Darkness	North	Straight Ahead	Deer	On Pavement (Roadway)	C-Injury
CH02	CH02_0.98-1.18	202101254115	21	08	14	16	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH02	CH02_0.98-1.18	202001054867	20	02	14	15	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH02	CH02_0.98-1.18	202201309248	22	09	26	13	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	C-Injury
CH02	CH02_1.18-1.43	201901135542	19	05	06	06	Turning	C	Clear	Daylight	North	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH02	CH02_1.18-1.43	201801482653	18	11	06	16	Animal	C	Clear	Darkness	North	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH02	CH02_1.18-1.43	201901212980	19	06	24	20	Animal	C	Clear	Darkness	Northwest	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH02	CH02_1.18-1.43	201901144906	19	05	14	08	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH02	CH02_1.18-1.43	201901243194	19	07	21	10	Front to Front	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH02	CH02_1.18-1.43	202201032108	22	01	25	16	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH02	CH02_1.18-1.43	202001135119	20	05	18	13	Fixed Object	C	Clear	Daylight	South	Straight Ahead	Ran Off Roadway	Off Pavement - Right	PD
CH02	CH02_1.18-1.43	201801413227	18	01	17	08	Front to Rear	C	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_9.52-9.80	201901354042	19	09	04	15	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	202001358907	20	12	27	08	Fixed Object	A	Clear	Daylight	South	Other	Ran Off Roadway	Off Pavement - Right	A-Injury
CH34	CH34_9.52-9.80	202201093556	22	02	24	15	Sideswipe Same Direction	A	Snow	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	201901356987	19	09	21	12	Front to Rear	A	Clear	Daylight	North	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_9.52-9.80	201901384755	19	10	09	20	Animal	A	Clear	Darkness	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	201901430694	19	11	17	16	Turning	A	Clear	Dusk	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	201801409511	18	01	05	18	Turning	A	Clear	Darkness	South	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_9.52-9.80	201801461351	18	08	14	18	Angle	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_9.52-9.80	202101210495	21	07	01	13	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	202101210550	21	07	04	14	Angle	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_9.52-9.80	202101429503	21	12	12	15	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_9.52-9.80	202101429864	21	12	17	13	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_9.52-9.80	202201074306	22	02	05	10	Front to Rear	A	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_9.52-9.80	202201093522	22	02	24	05	Turning	A	Clear	Dawn	West	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_9.52-9.80	202201212531	22	06	05	06	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_9.52-9.80	201901254249	19	04	08	10	Turning	A	Clear	Daylight	Unknown	Unknown	Motor Vehicle In Traffic		PD
CH34	CH34_9.52-9.80	201801494677	18	12	21	14	Turning	A	Clear	Daylight	West	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_9.52-9.80	201901484206	19	12	01	16	Front to Rear	A	Snow	Darkness	North	Avoiding Vehicle/Objects	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_9.52-9.80	202101414986	21	10	18	18	Front to Rear	A	Rain	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	202201072402	22	01	24	06	Front to Rear	A	Snow	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	201801491075	18	12	07	17	Other Object	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Thrown/Falling Object	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	202101284090	21	08	07	21	Front to Rear	A	Clear	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_9.52-9.80	202101290948	21	09	02	14	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	202001055688	20	02	12	06	Front to Rear	A	Clear	Dawn	North	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH34	CH34_9.52-9.80	202001295688	20	05	16	01	Front to Rear	A	Clear	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	201801489869	18	12	03	17	Front to Rear	A	Cloudy/Overcast	Darkness	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	201901343661	19	08	16	10	Sideswipe Same Direction	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	202101426294	21	12	09	17	Front to Rear	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_9.52-9.80	202101129507	21	02	05	06	Front to Front	A	Clear	Daylight	South	Straight Ahead	Cross Median	On Pavement (Roadway)	Fatal
CH19	CH19_1.22-1.58	202201336760	22	08	26	15	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH19	CH19_1.22-1.58	202001266579	20	09	16	09	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH19	CH19_1.22-1.58	202101428912	21	12	20	06	Animal	A	Clear	Dawn	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH19	CH19_1.22-1.58	201901471583	19	12	01	16	Fixed Object	A	Rain	Dusk	South	Slow/Stop In Traffic	Ran Off Roadway	Other	PD
CH19	CH19_1.22-1.58	202201432803	22	11	15	07	Front to Rear	A	Snow	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_1.22-1.58	201901294488	19	06	04	07	Front to Rear	A	Cloudy/Overcast	Daylight	South	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH19	CH19_1.22-1.58	201801445488	18	06	04	16	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_1.22-1.58	201801470669	18	09	15	15	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH19	CH19_1.22-1.58	201801212226	18	04	13	01	Animal	A	Clear	Darkness	North	Straight Ahead	Deer	On Pavement (Roadway)	PD

RAW CRASH DATA
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

CountyHwy	New_Curve_ID	CASE_ID	YEAR	MONTH	DAY	HOUR	COLL_TYPE	Curve Group	WEATHER	LIGHTING	VEH1_DIR	VEH1_MANUV	VEH1_EVNT1	VEH1_LOC1	REC_TYPE
CH19	CH19_1.22-1.58	202201094465	22	02	25	21	Front to Rear	A	Clear	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_1.22-1.58	202201404513	22	10	05	14	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH19	CH19_1.22-1.58	202101289432	21	08	23	16	Sideswipe Same Direction	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_1.22-1.58	201901319653	19	07	25	15	Turning	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_1.71-1.96	201801419607	18	02	09	15	Fixed Object	B	Clear	Daylight	North	Avoiding Vehicle/Objects	Ran Off Roadway	Off Pavement - Right	PD
CH19	CH19_1.71-1.96	201901473124	19	11	14	15	Front to Rear	B	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH19	CH19_1.71-1.96	202101136741	21	04	28	13	Front to Rear	B	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_1.71-1.96	202201132702	22	03	04	16	Front to Rear	B	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_1.71-1.96	202101121075	21	02	15	18	Sideswipe Opposite Direction	B	Cloudy/Overcast	Darkness	South	Other	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_1.71-1.96	201801429690	18	03	26	11	Sideswipe Opposite Direction	B	Cloudy/Overcast	Daylight	North	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH19	CH19_1.71-1.96	202201404516	22	10	05	14	Front to Rear	B	Clear	Daylight	North	Skidding/Control Loss	Motor Vehicle In Traffic	Off Pavement - Left	PD
CH19	CH19_1.71-1.96	202101350529	21	09	03	22	Fixed Object	B	Clear	Darkness	North	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Left	PD
CH05	CH05_4.78-4.96	202001296206	20	10	24	09	Turning	A	Clear	Daylight	North	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_1.71-1.96	201801459586	18	08	04	14	Turning	B	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_1.71-1.96	202101121189	21	02	21	17	Angle	B	Snow	Darkness	West	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH05	CH05_7.39-7.59	201901302115	19	08	22	17	Other Object	C	Clear	Daylight	North	Straight Ahead	Falling Load	On Pavement (Roadway)	PD
CH05	CH05_7.39-7.59	201901414590	19	11	20	01	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH05	CH05_7.39-7.59	202101247303	21	08	09	15	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH05	CH05_7.39-7.59	202101222048	21	07	15	22	Front to Front	C	Rain	Darkness, Lighted Road	South	Straight Ahead	Cross Centerline	On Pavement (Roadway)	A-Injury
CH05	CH05_7.39-7.59	201801386923	18	12	13	13	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH05	CH05_7.39-7.59	202001196419	20	08	04	17	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH05	CH05_7.39-7.59	202101298424	21	09	20	13	Front to Rear	C	Cloudy/Overcast	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH05	CH05_7.39-7.59	201901013014	19	01	04	12	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH05	CH05_7.39-7.59	202101162041	21	06	01	21	Turning	C	Clear	Darkness, Lighted Road	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH05	CH05_7.39-7.59	202101403994	21	12	14	18	Turning	C	Clear	Darkness, Lighted Road	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH05	CH05_7.39-7.59	201901335529	19	09	24	13	Turning	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	B-Injury
CH05	CH05_7.39-7.59	202101331485	21	10	19	10	Other Non-Collision	C	Clear	Daylight	North	Straight Ahead	Thrown/Falling Object	Intersection	PD
CH05	CH05_7.39-7.59	202201302851	22	09	21	17	Sideswipe Same Direction	C	Clear	Daylight	North	Passing/Overtaking	Motor Vehicle In Traffic	Intersection	PD
CH05	CH05_7.39-7.59	202101415236	21	12	22	14	Turning	C	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH05	CH05_7.39-7.59	201801245072	18	08	09	18	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH05	CH05_7.39-7.59	201801254819	18	07	09	11	Front to Rear	C	Clear	Daylight	South	Slow/Stop - Right Turn	Motor Vehicle In Traffic	Intersection	PD
CH05	CH05_7.39-7.59	201801254845	18	06	10	18	Front to Rear	C	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH05	CH05_7.39-7.59	201801254901	18	06	06	10	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH05	CH05_7.39-7.59	201801261088	18	08	25	15	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_1.71-1.96	202101073084	21	02	27	07	Sideswipe Opposite Direction	B	Clear	Daylight	South	Other	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH19	CH19_1.71-1.96	201801438605	18	05	04	19	Front to Rear	B	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH19	CH19_1.71-1.96	202101155689	21	04	18	02	Sideswipe Opposite Direction	B	Clear	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH05	CH05_5.60-5.81	201801436903	18	04	28	03	Fixed Object	D	Clear	Darkness	Northwest	Straight Ahead	Ran Off Roadway	Off Pavement - Right	C-Injury
CH19	CH19_1.71-1.96	201901439744	19	11	05	08	Fixed Object	B	Clear	Daylight	South	Negotiating A Curve	Ran Off Roadway	Off Pavement - Right	PD
CH19	CH19_1.71-1.96	202201108596	22	03	29	21	Fixed Object	B	Clear	Darkness	North	Unknown	Ran Off Roadway	Off Pavement - Right	B-Injury
CH05	CH05_2.58-2.90	202001047461	20	02	09	11	Other Non-Collision	D	Snow	Daylight	Southwest	Skidding/Control Loss	Cross Centerline	Off Pavement - Right	PD
CH05	CH05_2.90-3.24	202001047462	20	02	08	08	Other Non-Collision	D	Clear	Daylight	South	Negotiating A Curve	Cross Centerline	Off Pavement - Right	PD
CH37	CH37_0.29-0.60	202101040237	21	02	05	20	Turning	A	Clear	Darkness, Lighted Road	South	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH37	CH37_0.29-0.60	202201388557	22	12	01	09	Turning	A	Clear	Daylight	Southwest	Turning Right	Motor Vehicle In Traffic	Intersection	C-Injury
CH37	CH37_0.29-0.60	202101220811	21	07	18	14	Turning	A	Clear	Daylight	Southwest	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH37	CH37_0.29-0.60	202201018160	22	01	10	17	Turning	A	Clear	Darkness	South	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH37	CH37_0.29-0.60	201901162745	19	05	28	15	Turning	A	Clear	Daylight	Southwest	Turning Right	Motor Vehicle In Traffic	Intersection	PD
CH37	CH37_0.29-0.60	201901036417	19	01	26	10	Turning	A	Clear	Daylight	West	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH37	CH37_0.29-0.60	202201025916	22	01	19	19	Fixed Object	A	Clear	Darkness, Lighted Road	Northwest	Turning Right	Ran Off Roadway	Off Pavement - Left	PD
CH37	CH37_0.29-0.60	202101184039	21	06	17	00	Angle	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	C-Injury
CH37	CH37_0.29-0.60	201801209919	18	03	09	16	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	Intersection	A-Injury
CH37	CH37_0.29-0.60	201901260152	19	08	04	18	Fixed Object	A	Clear	Daylight	Northwest	Turning Right	Other Fixed Object	Other	PD
CH34	CH34_12.02-12.36	201801325809	18	10	22	14	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.02-12.36	201801279602	18	09	12	19	Front to Rear	A	Clear	Dusk	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.02-12.36	201801327053	18	10	22	12	Turning	A	Clear	Daylight	Northwest	U-Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.02-12.36	201901327497	19	09	17	19	Front to Rear	A	Clear	Darkness, Lighted Road	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.02-12.36	201901013496	19	01	03	16	Front to Rear	A	Clear	Darkness	North	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_12.02-12.36	202101421109	21	12	22	17	Front to Rear	A	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.02-12.36	202001108673	20	04	27	18	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.02-12.36	201801320887	18	10	17	11	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.36-12.56	201801254880	18	05	29	15	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202001055370	20	02	13	19	Front to Rear	C	Clear	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201801011228	18	01	02	19	Front to Rear	C	Clear	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_12.36-12.56	201901028378	19	01	19	21	Turning	C	Clear	Darkness, Lighted Road	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201801034545	18	01	23	19	Sideswipe Same Direction	C	Clear	Darkness	South	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901058813	19	02	17	10	Front to Rear	C	Snow	Daylight	South	Skidding/Control Loss	Motor Vehicle In Traffic	Intersection	C-Injury
CH34	CH34_12.36-12.56	202001025895	20	01	18	12	Front to Rear	C	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201801011217	18	01	02	07	Turning	C	Clear	Daylight	Northeast	Turning Right	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_12.36-12.56	201801250845	18	07	29	14	Turning	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	Fatal
CH34	CH34_12.36-12.56	202101290986	21	09	04	15	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201276863	22	08	30	19	Turning	C	Clear	Dusk	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH34	CH34_12.36-12.56	202001264985	20	10	01	20	Front to Rear	C	Clear	Darkness	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.36-12.56	202001283337	20	10	23	13	Front to Rear	C	Rain	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202001307496	20	11	17	17	Front to Rear	C	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202001325021	20	12	03	14	Front to Rear	C	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202001347349	20	12	24	14	Sideswipe Same Direction	C	Clear	Daylight	North	Passing/Overtaking	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901213805	19	06	28	15	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901320109	19	09	11	12	Front to Rear	C	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901333302	19	09	20	16	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901356417	19	10	03	13	Parked Motor Vehicle	C	Clear	Daylight	N/A	N/A	N/A	N/A	PD
CH34	CH34_12.36-12.56	201901448490	19	12	17	19	Front to Rear	C	Clear	Darkness	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_12.36-12.56	202001047015	20	02	08	13	Front to Rear	C	Clear	Daylight	North	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202001080447	20	03	11	07	Front to Rear	C	Rain	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_12.36-12.56	202001092575	20	03	30	17	Turning	C	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury

RAW CRASH DATA
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

CountyHwy	New_Curve_ID	CASE_ID	YEAR	MONTH	DAY	HOUR	COLL_TYPE	Curve Group	WEATHER	LIGHTING	VEH1_DIR	VEH1_MANUV	VEH1_EVNT1	VEH1_LOC1	REC_TYPE
CH34	CH34_12.36-12.56	202001119148	20	05	13	17	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202001150838	20	06	16	15	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202001161936	20	06	28	13	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.36-12.56	202001174457	20	07	12	12	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_12.36-12.56	202001178090	20	07	15	23	Other Non-Collision	C	Rain	Darkness, Lighted Road	South	Straight Ahead	Other Non-Collision	Off Pavement - Left	PD
CH34	CH34_12.36-12.56	202001191027	20	07	29	18	Front to Rear	C	Rain	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202001259412	20	10	03	18	Front to Rear	C	Rain	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202001273167	20	10	18	15	Turning	C	Rain	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202001294855	20	11	04	17	Front to Rear	C	Clear	Darkness, Lighted Road	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202001305341	20	11	06	18	Sideswipe Same Direction	C	Clear	Darkness, Lighted Road	North	Passing/Overtaking	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.36-12.56	202001311006	20	11	22	18	Turning	C	Clear	Darkness, Lighted Road	North	Turning Right	Motor Vehicle In Traffic		PD
CH34	CH34_12.36-12.56	202001347364	20	12	13	12	Fixed Object	C	Clear	Daylight	North	Straight Ahead	Traffic Signal	Off Pavement - Right	PD
CH34	CH34_12.36-12.56	201901104192	19	03	25	20	Turning	C	Clear	Darkness, Lighted Road	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_12.36-12.56	201901119415	19	03	20	12	Front to Rear	C	Other	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901195781	19	06	19	16	Turning	C	Rain	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_12.36-12.56	201901200971	19	06	21	11	Front to Rear	C	Clear	Daylight	South	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901262203	19	08	04	00	Front to Rear	C	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901307690	19	09	03	06	Front to Rear	C	Rain	Dawn	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901323076	19	09	13	16	Turning	C	Clear	Daylight	North	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901364531	19	10	10	11	Turning	C	Clear	Daylight	Northwest	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.36-12.56	201901367103	19	10	15	18	Front to Rear	C	Clear	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901381347	19	10	26	17	Front to Rear	C	Rain	Darkness	North	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901381375	19	10	27	11	Turning	C	Clear	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_12.36-12.56	201901393976	19	11	04	14	Turning	C	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_12.36-12.56	201901431190	19	12	04	16	Turning	C	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_12.36-12.56	201901435139	19	12	06	14	Front to Rear	C	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201901461790	19	12	21	15	Turning	C	Clear	Daylight	North	Turning Left	Motor Vehicle In Traffic	Intersection	C-Injury
CH34	CH34_12.36-12.56	201901461829	19	12	22	17	Turning	C	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.36-12.56	201901464073	19	12	31	15	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201801038085	18	01	29	19	Turning	C	Clear	Darkness, Lighted Road	South	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_12.36-12.56	201801045651	18	02	06	17	Turning	C	Clear	Darkness	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_12.36-12.56	201801067019	18	02	24	14	Turning	C	Clear	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection	A-Injury
CH34	CH34_12.36-12.56	201801182811	18	06	14	20	Front to Rear	C	Clear	Dusk	South	Slow/Stop - Left Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.36-12.56	201801194492	18	06	26	21	Turning	C	Rain	Darkness	Northeast	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_12.36-12.56	201801209490	18	07	09	15	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_12.36-12.56	201801215705	18	07	11	13	Turning	C	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	Intersection	C-Injury
CH34	CH34_12.36-12.56	201801228048	18	07	26	12	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201801240725	18	08	07	22	Turning	C	Clear	Darkness	Southeast	Turning On Red	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_12.36-12.56	201801245658	18	08	09	13	Front to Rear	C	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_12.36-12.56	201801261109	18	08	24	19	Turning	C	Rain	Darkness	South	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_12.36-12.56	201801293177	18	09	24	08	Turning	C	Clear	Daylight	West	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_12.36-12.56	201801378073	18	11	11	16	Turning	C	Clear	Dusk	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201801390615	18	12	13	20	Turning	C	Rain	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_12.36-12.56	202101063369	21	02	24	14	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202101264438	21	08	25	12	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202101288065	21	09	11	12	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.36-12.56	202101297142	21	09	17	16	Front to Rear	C	Cloudy/Overcast	Daylight	North	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202101333512	21	10	12	18	Turning	C	Clear	Darkness	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201023784	22	01	14	21	Fixed Object	C	Snow	Darkness, Lighted Road	North	Straight Ahead	Ran Off Roadway	Off Pavement - Left	PD
CH34	CH34_12.36-12.56	202201026228	22	01	18	17	Front to Rear	C	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201074363	22	02	28	16	Sideswipe Same Direction	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201257453	22	08	12	07	Sideswipe Same Direction	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201377733	22	11	11	16	Front to Rear	C	Clear	Daylight	South	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202101050630	21	02	08	20	Turning	C	Blowing Sand	Darkness	West	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_12.36-12.56	202101053427	21	02	16	20	Turning	C	Clear	Darkness, Lighted Road	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_12.36-12.56	202101055424	21	02	16	19	Front to Rear	C	Clear	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202101079733	21	03	04	14	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202101083699	21	03	18	17	Sideswipe Same Direction	C	Clear	Daylight	South	Changing Lanes	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_12.36-12.56	202101107171	21	04	01	17	Turning	C	Clear	Daylight	West	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_12.36-12.56	202101196563	21	06	26	14	Turning	C	Cloudy/Overcast	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_12.36-12.56	202101313974	21	10	02	19	Front to Rear	C	Rain	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202101427192	21	12	31	05	Turning	C	Clear	Darkness, Lighted Road	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201026226	22	01	10	09	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201170198	22	05	16	07	Front to Rear	C	Clear	Daylight	Northeast	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201212232	22	06	30	14	Turning	C	Clear	Daylight	Southwest	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_12.36-12.56	202201212248	22	06	15	23	Angle	C	Clear	Darkness, Lighted Road	West	Straight Ahead	Motor Vehicle In Traffic	Intersection	C-Injury
CH34	CH34_12.36-12.56	202201251847	22	07	28	17	Turning	C	Clear	Daylight	Northwest	Turning Left	Motor Vehicle In Traffic	Intersection	A-Injury
CH34	CH34_12.36-12.56	202201251903	22	07	30	19	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic		B-Injury
CH34	CH34_12.36-12.56	202201262408	22	08	12	07	Turning	C	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_12.36-12.56	202201298912	22	09	14	17	Front to Rear	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201349865	22	10	29	00	Other Non-Collision	C	Clear	Darkness	South	Straight Ahead	Other Non-Collision	Off Pavement - Right	PD
CH34	CH34_12.36-12.56	202201363350	22	10	29	20	Front to Rear	C	Clear	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201367212	22	11	11	17	Front to Rear	C	Clear	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201394992	22	12	05	15	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201174271	22	05	15	15	Front to Rear	C	Clear	Daylight	Southwest	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.36-12.56	202201115392	22	04	11	17	Sideswipe Same Direction	C	Clear	Daylight	South	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201367187	22	09	21	18	Front to Rear	C	Clear	Dusk	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201206662	22	06	27	16	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic		PD
CH34	CH34_12.36-12.56	202101297094	21	09	17	19	Front to Rear	C	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.36-12.56	202101208823	21	06	27	12	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201071045	22	01	19	17	Front to Rear	C	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202101117179	21	02	25	14	Sideswipe Same Direction	C	Clear	Daylight	South	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202001013211	20	01	05	12	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_12.36-12.56	201801443698	18	05	27	15	Animal	C	Clear	Daylight	South	Straight Ahead	Deer	On Pavement (Roadway)	PD

RAW CRASH DATA
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

CountyHwy	New_Curve_ID	CASE_ID	YEAR	MONTH	DAY	HOUR	COLL_TYPE	Curve Group	WEATHER	LIGHTING	VEH1_DIR	VEH1_MANUV	VEH1_EVNT1	VEH1_LOC1	REC_TYPE
CH34	CH34_12.36-12.56	201901348971	19	08	26	20	Sideswipe Same Direction	C	Rain	Darkness	North	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	201801364459	18	11	23	12	Front to Rear	C	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_12.36-12.56	202201153454	22	04	24	11	Front to Rear	C	Rain	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH28	CH28_2.45-2.57	201901283163	19	05	16	21	Fixed Object	B	Clear	Darkness	Southwest	Negotiating A Curve	Other Fixed Object	Off Pavement - Right	C-Injury
CH80	CH80_3.65-3.85	202101100628	21	01	04	10	Fixed Object	C	Clear	Daylight	North	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Right	PD
CH17	CH17_4.74-4.96	201901292350	19	08	22	18	Turning	A	Clear	Daylight	North	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH17	CH17_4.74-4.96	201801367657	18	11	26	05	Angle	A	Snow	Dawn	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH17	CH17_4.74-4.96	202101326642	21	10	13	17	Angle	A	Rain	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	B-Injury
CH17	CH17_4.74-4.96	202201061291	22	02	18	16	Rear to Front	A	Clear	Daylight	South	Backing	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH17	CH17_1.44-1.51	202001319583	20	06	19	23	Fixed Object	B	Clear	Darkness, Lighted Road	Southwest	Turning Right	Ran Off Roadway	Off Pavement - Right	PD
CH17	CH17_1.51-1.57	201901482542	19	11	22	11	Turning	D	Clear	Daylight	South	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH17	CH17_1.51-1.57	202201098089	22	03	22	15	Fixed Object	D	Cloudy/Overcast	Daylight	Southwest	Negotiating A Curve	Ran Off Roadway	Off Pavement - Right	C-Injury
CH17	CH17_1.51-1.57	201801473457	18	10	02	16	Turning	D	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH17	CH17_1.51-1.57	202101352167	21	09	09	15	Front to Rear	D	Clear	Daylight	Southeast	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH17	CH17_1.51-1.57	202201056475	22	02	04	07	Turning	D	Clear	Daylight	Northeast	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH17	CH17_1.51-1.57	202201310699	22	08	05	17	Turning	D	Clear	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH17	CH17_1.51-1.57	202101172846	21	05	15	16	Front to Rear	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_13.80-14.00	201901213653	19	06	30	02	Fixed Object	A	Clear	Darkness, Lighted Road	North	Straight Ahead	Ran Off Roadway	Off Pavement - Right	PD
CH34	CH34_13.80-14.00	201801192012	18	06	25	07	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_13.80-14.00	201801206318	18	07	07	13	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_13.80-14.00	202101220971	21	07	16	17	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_13.80-14.00	202101301363	21	09	19	22	Turning	A	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_13.80-14.00	202201409353	22	11	28	12	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_13.80-14.00	201901381728	19	10	24	13	Sideswipe Same Direction	A	Clear	Daylight	South	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH28	CH28_3.98-4.13	201801452054	18	07	03	07	Overturned	D	Clear	Daylight	South	Straight Ahead	Overturn	Other	B-Injury
CH11	CH11_4.03-4.35	201901254710	19	07	15	23	Animal	A	Clear	Darkness	North	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH02	CH02_7.98-7.83	202001355159	20	09	18	06	Other Object	A	Clear	Dawn	Unknown	Straight Ahead	Ran Off Roadway	Other	C-Injury
CH33	CH33_2.41-2.59	202001361092	20	10	18	07	Fixed Object	D	Clear	Dawn	South	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Left	PD
CH33	CH33_2.41-2.59	202201317322	22	09	22	03	Fixed Object	D	Clear	Darkness	Southwest	Straight Ahead	Ran Off Roadway	Off Pavement - Right	A-Injury
CH33	CH33_2.41-2.59	201901276341	19	05	03	08	Fixed Object	D	Clear	Daylight	Southwest	Avoiding Vehicle/Objects	Other Fixed Object	Off Pavement - Right	PD
CH34	CH34_14.94-15.16	202201155007	22	05	06	13	Sideswipe Same Direction	D	Rain	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	201901117026	19	03	13	14	Fixed Object	D	Clear	Daylight	South	Straight Ahead	Ran Off Roadway	Off Pavement - Right	PD
CH34	CH34_14.94-15.16	202201392283	22	11	27	10	Turning	D	Clear	Daylight	Southeast	Turning Right	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_14.94-15.16	201801299438	18	09	23	12	Front to Rear	D	Clear	Daylight	Southeast	Unknown	Motor Vehicle In Traffic		A-Injury
CH34	CH34_14.94-15.16	201801075221	18	03	05	10	Front to Rear	D	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	201901474805	19	10	11	06	Front to Rear	D	Rain	Dawn	North	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	201801291762	18	09	20	15	Front to Rear	D	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202001213945	20	08	19	14	Sideswipe Same Direction	D	Clear	Daylight	South	Passing/Overtaking	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202001237234	20	09	10	16	Front to Rear	D	Rain	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	201901213716	19	06	28	16	Front to Rear	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_14.94-15.16	202101139236	21	05	10	14	Front to Rear	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_14.94-15.16	202101423167	21	12	17	15	Front to Rear	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202201267698	22	08	18	07	Front to Rear	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202201308719	22	09	20	18	Fixed Object	D	Rain	Dusk	North	Straight Ahead	Concrete Traffic Barrier	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202201405583	22	12	11	14	Front to Rear	D	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202001035015	20	01	27	19	Front to Rear	D	Clear	Darkness, Lighted Road	North	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_14.94-15.16	202001061358	20	02	10	12	Turning	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202001078267	20	03	06	23	Turning	D	Clear	Darkness, Lighted Road	Southeast	Turning Right	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_14.94-15.16	202001118231	20	05	11	12	Front to Rear	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202001119304	20	05	12	13	Front to Rear	D	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202001123567	20	05	17	17	Turning	D	Rain	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_14.94-15.16	202001139276	20	06	06	20	Fixed Object	D	Clear	Dusk	North	Straight Ahead	Other Fixed Object	Intersection	PD
CH34	CH34_14.94-15.16	202001230990	20	09	06	16	Turning	D	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_14.94-15.16	202001232579	20	09	03	13	Turning	D	Clear	Daylight	West	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202001284662	20	10	27	22	Turning	D	Clear	Darkness, Lighted Road	Northeast	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_14.94-15.16	202001290148	20	10	31	20	Animal	D	Clear	Darkness	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202001319518	20	10	15	00	Sideswipe Opposite Direction	D	Clear	Darkness, Lighted Road	North	Driving Wrong Way	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH34	CH34_14.94-15.16	202001347351	20	12	20	15	Front to Rear	D	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202001356472	20	12	30	15	Sideswipe Same Direction	D	Clear	Daylight	Northeast	Changing Lanes	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_14.94-15.16	201901200982	19	06	22	10	Front to Rear	D	Clear	Daylight	Southwest	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_14.94-15.16	201901444038	19	12	08	22	Front to Rear	D	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	C-Injury
CH34	CH34_14.94-15.16	201901447232	19	12	17	07	Front to Rear	D	Clear	Daylight	North	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	201801015539	18	01	04	19	Turning	D	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_14.94-15.16	201801088619	18	03	19	17	Front to Rear	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	201801098009	18	03	29	13	Turning	D	Cloudy/Overcast	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	201801241967	18	08	08	15	Front to Rear	D	Clear	Daylight	North	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_14.94-15.16	201801293182	18	09	24	06	Front to Rear	D	Clear	Dawn	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_14.94-15.16	201801293184	18	09	24	06	Sideswipe Same Direction	D	Clear	Dawn	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	201801324196	18	10	19	16	Front to Rear	D	Rain	Dusk	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	201801334728	18	10	30	16	Turning	D	Clear	Daylight	West	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_14.94-15.16	201801348321	18	11	07	19	Turning	D	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_14.94-15.16	201801373464	18	11	28	14	Sideswipe Same Direction	D	Clear	Daylight	North	Passing/Overtaking	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202101023885	21	01	20	19	Fixed Object	D	Snow	Darkness, Lighted Road	South	Straight Ahead	Other Fixed Object	On Pavement (Roadway)	C-Injury
CH34	CH34_14.94-15.16	202101042745	21	02	07	10	Turning	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	A-Injury
CH34	CH34_14.94-15.16	202101055427	21	02	18	14	Front to Rear	D	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202101080760	21	03	16	10	Front to Rear	D	Clear	Daylight	South	Skidding/Control Loss	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_14.94-15.16	202101096821	21	03	22	03	Fixed Object	D	Clear	Darkness, Lighted Road	South	Straight Ahead	Curb	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202101155226	21	05	21	21	Front to Rear	D	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202101213270	21	07	02	13	Front to Rear	D	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202101254923	21	08	09	12	Fixed Object	D	Clear	Daylight	North	Straight Ahead	Curb	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202101344793	21	10	25	23	Turning	D	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202101435678	21	04	18	12	Front to Rear	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_14.94-15.16	202201193522	22	06	14	17	Angle	D	Clear	Daylight	East	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_14.94-15.16	202201260234	22	08	12	11	Turning	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD

RAW CRASH DATA
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

CountyHwy	New_Curve_ID	CASE_ID	YEAR	MONTH	DAY	HOUR	COLL_TYPE	Curve Group	WEATHER	LIGHTING	VEH1_DIR	VEH1_MANUV	VEH1_EVNT1	VEH1_LOC1	REC_TYPE
CH34	CH34_14.94-15.16	202201347381	22	10	24	20	Front to Rear	D	Clear	Darkness	North	Straight Ahead	Motor Vehicle In Traffic		PD
CH34	CH34_14.94-15.16	202201387969	22	11	23	10	Front to Rear	D	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_14.94-15.16	202201109582	22	04	03	23	Turning	D	Rain	Darkness, Lighted Road	North	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_14.94-15.16	201901050761	19	02	07	06	Turning	D	Rain	Dawn	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_14.94-15.16	202201329571	22	10	01	16	Front to Rear	D	Clear	Daylight	South	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	201901028348	19	01	18	22	Fixed Object	D	Snow	Darkness, Lighted Road	North	Turning Left	Curb	Off Pavement - Right	PD
CH34	CH34_14.94-15.16	201901041669	19	01	31	18	Front to Rear	D	Snow	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	201801012021	18	01	03	17	Front to Rear	D	Clear	Dusk	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_14.94-15.16	201901019867	19	01	12	14	Turning	D	Snow	Daylight	North	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_14.94-15.16	202201174315	22	05	24	18	Front to Rear	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_15.16-15.43	201801096410	18	03	26	06	Animal	C	Clear	Daylight	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH28	CH28_5.54-5.71	201901285245	19	05	20	21	Animal	D	Clear	Darkness	North	Straight Ahead	Deer	On Pavement (Roadway)	B-Injury
CH34	CH34_15.16-15.43	201901102129	19	03	19	17	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_15.16-15.43	201901233273	19	07	12	13	Sideswipe Same Direction	C	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	Off Pavement - Right	PD
CH34	CH34_15.16-15.43	202201301067	22	09	19	19	Other Non-Collision	C	Clear	Darkness	North	Slow/Stop In Traffic	Other Non-Collision	On Pavement (Roadway)	B-Injury
CH34	CH34_15.16-15.43	201801023047	18	01	08	15	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_15.16-15.43	201901126676	19	04	26	05	Front to Rear	C	Clear	Dawn	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_15.16-15.43	201901164844	19	05	29	15	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_15.16-15.43	201901231518	19	07	12	07	Turning	C	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_15.16-15.43	201901294065	19	08	24	18	Turning	C	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_15.16-15.43	201901314610	19	09	07	11	Turning	C	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_15.16-15.43	201901399770	19	11	10	05	Animal	C	Clear	Darkness	South	Avoiding Vehicle/Objects	Deer	On Pavement (Roadway)	PD
CH34	CH34_15.16-15.43	201901404274	19	11	05	14	Front to Rear	C	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_15.16-15.43	201801048297	18	02	08	22	Fixed Object	C	Snow	Darkness	South	Skidding/Control Loss	Other Fixed Object	Off Pavement - Right	PD
CH34	CH34_15.16-15.43	201801077679	18	03	08	10	Turning	C	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_15.16-15.43	202101023877	21	01	20	20	Front to Rear	C	Clear	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_15.16-15.43	202101050579	21	02	13	07	Other Object	C	Snow	Daylight	North	Straight Ahead	Other Object	Off Pavement - Right	B-Injury
CH34	CH34_15.16-15.43	202101055426	21	02	17	16	Front to Rear	C	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_15.16-15.43	202201011608	22	01	02	05	Sideswipe Same Direction	C	Blowing Snow	Darkness	South	Unknown	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_15.16-15.43	202201364127	22	11	07	19	Animal	C	Clear	Darkness, Lighted Road	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH34	CH34_15.16-15.43	201801385560	18	12	11	10	Sideswipe Same Direction	C	Clear	Daylight	North	Merging	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_15.16-15.43	202201123104	22	04	13	22	Fixed Object	C	Rain	Darkness, Lighted Road	South	Straight Ahead	Other Fixed Object	Off Pavement - Right	PD
CH34	CH34_15.16-15.43	201801391593	18	12	17	15	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_15.16-15.43	201801378033	18	12	05	15	Front to Rear	C	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_15.16-15.43	201801114791	18	04	14	04	Fixed Object	C	Rain	Darkness, Lighted Road	South	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Right	PD
CH34	CH34_15.16-15.43	202101162270	21	05	28	16	Front to Rear	C	Rain	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_15.16-15.43	202001013956	20	01	02	16	Front to Rear	C	Clear	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH22	CH22_9.00-9.07	201801319178	18	10	05	07	Sideswipe Same Direction	C	Rain	Daylight	North	Slow/Stop - Right Turn	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_9.00-9.07	201901314445	19	07	15	15	Turning	C	Clear	Daylight	North	Turning Right	Motor Vehicle In Traffic	Intersection	PD
CH22	CH22_9.00-9.07	201801481129	18	11	02	18	Turning	C	Clear	Darkness	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_9.00-9.07	201801466899	18	09	10	18	Turning	C	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_9.00-9.07	201801460268	18	08	08	16	Turning	C	Clear	Daylight	West	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH22	CH22_9.00-9.07	201801480421	18	10	30	08	Front to Rear	C	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_9.00-9.07	202001332649	20	07	30	12	Angle	C	Clear	Daylight	West	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_9.00-9.07	201901305246	19	06	24	18	Rear to Front	C	Clear	Daylight	South	Backing	Motor Vehicle In Traffic	Intersection	PD
CH22	CH22_9.00-9.07	201901353870	19	09	04	05	Turning	C	Clear	Dawn	South	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH22	CH22_9.00-9.07	201901481159	19	11	17	01	Fixed Object	C	Clear	Darkness	North	Straight Ahead	Ran Off Roadway	Off Pavement - Right	PD
CH22	CH22_9.00-9.07	201901485306	19	12	11	07	Front to Rear	C	Snow	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_9.00-9.07	201801422826	18	02	22	09	Front to Rear	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH22	CH22_9.00-9.07	201801463555	18	08	25	01	Angle	C	Rain	Darkness, Lighted Road	West	Straight Ahead	Motor Vehicle In Traffic	Intersection	B-Injury
CH22	CH22_9.00-9.07	201801480128	18	10	29	22	Fixed Object	C	Clear	Darkness	North	Turning Right	Ran Off Roadway	Off Pavement - Right	PD
CH22	CH22_9.00-9.07	202101117091	21	02	21	16	Front to Rear	C	Snow	Daylight	South	Unknown	Motor Vehicle In Traffic	Intersection	PD
CH22	CH22_9.00-9.07	202101289506	21	08	24	17	Turning	C	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH22	CH22_9.00-9.07	202201153094	22	04	18	09	Sideswipe Same Direction	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH22	CH22_9.00-9.07	201901308377	19	06	28	11	Front to Rear	C	Rain	Daylight	South	Backing	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_9.00-9.07	201901328038	19	07	24	20	Fixed Object	C	Clear	Dusk	North	Straight Ahead	Ran Off Roadway	Off Pavement - Right	B-Injury
CH02	CH02_10.56-10.79	201801436230	18	04	25	08	Fixed Object	A	Clear	Daylight	South	Passing/Overtaking	Ran Off Roadway		PD
CH02	CH02_10.56-10.79	201801129762	18	04	02	22	Fixed Object	A	Rain	Darkness	North	Unknown	Ran Off Roadway	Off Pavement - Left	Fatal
CH02	CH02_10.56-10.79	201901395396	19	10	17	06	Animal	A	Clear	Dawn	Southeast	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH02	CH02_10.56-10.79	201801441423	18	05	17	22	Fixed Object	A	Clear	Darkness	North	Straight Ahead	Ran Off Roadway		PD
CH02	CH02_10.56-10.79	201801489280	18	11	30	19	Other Object	A	Clear	Darkness	North	Straight Ahead	Ran Off Roadway	Off Pavement - Right	PD
CH02	CH02_11.00-11.25	202101192978	21	05	24	10	Sideswipe Opposite Direction	C	Clear	Daylight	North	Driving Wrong Way	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH02	CH02_11.00-11.25	201801427664	18	03	17	01	Overturned	C	Clear	Darkness	Northeast	Straight Ahead	Ran Off Roadway	Off Pavement - Right	PD
CH02	CH02_11.00-11.25	201901104899	19	03	02	17	Turning	C	Clear	Daylight	South	Passing/Overtaking	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202201061294	22	02	18	18	Front to Rear	A	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201801194620	18	06	14	20	Sideswipe Same Direction	A	Clear	Dusk	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202001032694	20	01	24	16	Front to Rear	A	Rain	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202001118212	20	05	12	17	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_16.12-16.41	201901106206	19	04	03	17	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_16.12-16.41	201901142752	19	05	11	16	Sideswipe Same Direction	A	Rain	Dusk	South	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201901364461	19	10	12	11	Front to Front	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_16.12-16.41	202101427183	21	12	29	14	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202201273559	22	08	25	07	Front to Rear	A	Rain	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202001069654	20	02	26	08	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202001092261	20	03	28	20	Animal	A	Rain	Darkness	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202001093063	20	03	31	14	Turning	A	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	Intersection	A-Injury
CH34	CH34_16.12-16.41	202001121908	20	05	15	15	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202001134493	20	06	02	14	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202001159973	20	06	23	08	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_16.12-16.41	202001209877	20	08	14	11	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202001209948	20	08	16	11	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_16.12-16.41	202001216255	20	08	20	14	Turning	A	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_16.12-16.41	202001218863	20	08	20	07	Turning	A	Clear	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH34	CH34_16.12-16.41	202001279714	20	10	16	12	Turning	A	Clear	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury

RAW CRASH DATA
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

CountyHwy	New_Curve_ID	CASE_ID	YEAR	MONTH	DAY	HOUR	COLL_TYPE	Curve Group	WEATHER	LIGHTING	VEH1_DIR	VEH1_MANUV	VEH1_EVNT1	VEH1_LOC1	REC_TYPE
CH34	CH34_16.12-16.41	202001284655	20	10	27	08	Fixed Object	A	Clear	Daylight	North	Straight Ahead	Construction Equipment	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202001307351	20	11	16	14	Turning	A	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_16.12-16.41	202001325782	20	12	06	14	Turning	A	Clear	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201901102137	19	03	26	10	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_16.12-16.41	201901113101	19	04	15	08	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201901142771	19	05	10	20	Front to Rear	A	Clear	Darkness, Lighted Road	North	Avoiding Vehicle/Objects	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_16.12-16.41	201901323028	19	09	15	17	Turning	A	Rain	Daylight	East	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_16.12-16.41	201901332940	19	09	22	17	Turning	A	Rain	Dusk	East	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_16.12-16.41	201901385582	19	10	24	10	Turning	A	Clear	Daylight	North	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201901422484	19	11	18	16	Front to Rear	A	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201901435131	19	12	07	16	Front to Rear	A	Clear	Dusk	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_16.12-16.41	201801025887	18	01	17	07	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201801116649	18	04	15	19	Sideswipe Same Direction	A	Rain	Dusk	North	Unknown	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_16.12-16.41	201801122690	18	04	23	06	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201801202194	18	07	03	18	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_16.12-16.41	201801245638	18	08	09	11	Sideswipe Same Direction	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201801299408	18	09	30	07	Sideswipe Same Direction	A	Cloudy/Overcast	Daylight	South	Changing Lanes	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_16.12-16.41	201801307308	18	10	04	13	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_16.12-16.41	201801357023	18	11	12	15	Angle	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_16.12-16.41	202101027426	21	01	22	17	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_16.12-16.41	202101028026	21	01	25	06	Turning	A	Clear	Darkness	East	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_16.12-16.41	202101030227	21	01	27	15	Turning	A	Clear	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	Intersection	A-Injury
CH34	CH34_16.12-16.41	202101042692	21	02	05	17	Turning	A	Clear	Darkness, Lighted Road	South	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_16.12-16.41	202101062989	21	02	22	10	Turning	A	Clear	Daylight	West	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202101073838	21	03	08	06	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202101083687	21	03	17	20	Turning	A	Rain	Darkness, Lighted Road	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202101196594	21	06	09	14	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202101309423	21	09	28	14	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202101324342	21	10	07	18	Turning	A	Rain	Dusk	South	Turning Left	Motor Vehicle In Traffic	Intersection	C-Injury
CH34	CH34_16.12-16.41	202101348497	21	10	26	13	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_16.12-16.41	202101360165	21	11	08	15	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202101392798	21	12	03	17	Front to Rear	A	Clear	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202101395451	21	11	30	12	Turning	A	Clear	Daylight	North	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202201061286	22	02	18	09	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	Intersection	C-Injury
CH34	CH34_16.12-16.41	202201073980	22	03	01	16	Turning	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_16.12-16.41	202201098649	22	03	22	16	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_16.12-16.41	202201169876	22	05	20	07	Turning	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202201173511	22	05	21	12	Turning	A	Rain	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	PD	
CH34	CH34_16.12-16.41	202201193220	22	06	14	14	Front to Front	A	Clear	Daylight	North	Passing/Overtaking	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202201193288	22	06	14	10	Turning	A	Clear	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_16.12-16.41	202201193540	22	06	09	13	Turning	A	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_16.12-16.41	202201222341	22	07	12	17	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202201231148	22	07	14	19	Turning	A	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH34	CH34_16.12-16.41	202201242497	22	07	20	12	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH34	CH34_16.12-16.41	202201266217	22	08	17	17	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH34	CH34_16.12-16.41	202201301114	22	09	20	17	Front to Rear	A	Rain	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202201333822	22	10	13	17	Turning	A	Clear	Daylight	West	Turning Right	Motor Vehicle In Traffic	PD	
CH34	CH34_16.12-16.41	202201360777	22	10	27	06	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202201400870	22	12	06	22	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201801175032	18	06	09	13	Front to Rear	A	Clear	Daylight	South	Slow/Stop - Load/Unload	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201801027113	18	01	18	17	Front to Rear	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201901013553	19	01	04	16	Turning	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202001146335	20	06	11	07	Front to Rear	A	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201901197426	19	06	13	17	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	201801194472	18	06	22	17	Front to Rear	A	Cloudy/Overcast	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH34	CH34_16.12-16.41	201801235528	18	08	02	17	Front to Rear	A	Clear	Daylight	North	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH34	CH34_16.12-16.41	202001090448	20	03	25	16	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_4.14-4.47	201801471782	18	09	22	23	Front to Rear	A	Clear	Darkness	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_4.14-4.47	202001363157	20	10	24	17	Angle	A	Clear	Daylight	Unknown	Driving Wrong Way	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH22	CH22_4.14-4.47	201901236627	19	07	06	00	Front to Rear	A	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH22	CH22_4.14-4.47	201901475835	19	10	18	06	Front to Rear	A	Clear	Dawn	North	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_4.14-4.47	201901485303	19	12	11	10	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH22	CH22_4.14-4.47	201801484955	18	11	15	11	Angle	A	Snow	Daylight	East	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_4.14-4.47	202101101363	21	01	12	14	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_4.14-4.47	202101350317	21	09	02	08	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	C-Injury
CH22	CH22_4.14-4.47	202201066354	22	01	11	06	Turning	A	Clear	Dawn	South	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH22	CH22_4.14-4.47	202201146283	22	05	02	14	Animal	A	Clear	Daylight	South	Straight Ahead	Deer	Intersection	PD
CH22	CH22_4.14-4.47	202201414475	22	10	24	16	Turning	A	Clear	Daylight	South	Driving Wrong Way	Motor Vehicle In Traffic	Off Pavement - Left	B-Injury
CH22	CH22_4.14-4.47	202201431957	22	11	13	17	Front to Rear	A	Clear	Darkness, Lighted Road	North	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_4.14-4.47	201901298696	19	06	13	17	Front to Rear	A	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_4.14-4.47	201901283169	19	06	15	13	Front to Rear	A	Rain	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_4.14-4.47	202101225294	21	07	16	18	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH22	CH22_4.14-4.47	201901480319	19	11	12	08	Turning	A	Clear	Daylight	South	Turning Right	Motor Vehicle In Traffic	Intersection	PD
CH22	CH22_4.14-4.47	202101208935	21	07	01	11	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH46	CH46_1.24-1.40	201801466884	18	09	10	06	Overtaken	C	Clear	Daylight	Northwest	Straight Ahead	Overturn	Off Pavement - Left	C-Injury
CH21	CH21_9.47-9.67	202101383665	21	11	11	03	Animal	C	Clear	Darkness	Unknown	Straight Ahead	Other Animal	On Pavement (Roadway)	PD
CH59	CH59_0.54-0.73	202201434710	22	12	09	07	Sideswipe Opposite Direction	D	Snow	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH59	CH59_0.54-0.73	202101347882	21	08	25	16	Turning	D	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH59	CH59_0.54-0.73	202101431188	21	12	24	00	Animal	D	Cloudy/Overcast	Darkness, Lighted Road	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH59	CH59_0.54-0.73	202201098136	22	02	24	15	Front to Rear	D	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH59	CH59_0.93-1.08	202001358884	20	12	15	01	Animal	D	Clear	Darkness	North	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH59	CH59_0.93-1.08	202001369881	20	12	22	13	Turning	D	Clear	Daylight	North	Turning Left	Motor Vehicle In Traffic	Intersection	C-Injury
CH59	CH59_0.93-1.08	202101053101	21	01	30	01	Animal	D	Clear	Darkness	North	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH21	CH21_8.26-8.43	201901484399	19	12	05	07	Turning	A	Clear	Daylight	Northwest	Straight Ahead	Motor Vehicle In Traffic	Intersection	A-Injury

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KANE COUNTY DOT - 2024 HSIP APPLICATION
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CountyHwy	New_Curve_ID	CASE_ID	YEAR	MONTH	DAY	HOUR	COLL_TYPE	Curve Group	WEATHER	LIGHTING	VEH1_DIR	VEH1_MANUV	VEH1_EVNT1	VEH1_LOC1	REC_TYPE
CH21	CH21_8.26-8.43	202201153460	22	04	24	14	Turning	A	Cloudy/Overcast	Daylight	North	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH21	CH21_8.26-8.43	202201238433	22	06	27	17	Turning	A	Clear	Daylight	East	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH21	CH21_8.26-8.43	201801447629	18	06	13	16	Turning	A	Clear	Daylight	North	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH21	CH21_8.26-8.43	202201352244	22	08	31	20	Turning	A	Clear	Darkness	Northwest	Straight Ahead	Motor Vehicle In Traffic	Intersection	B-Injury
CH21	CH21_8.26-8.43	202201396474	22	09	25	22	Fixed Object	A	Rain	Darkness, Lighted Road	North	Straight Ahead	Ran Off Roadway	Off Pavement - Right	PD
CH21	CH21_7.33-7.61	201901191207	19	02	11	08	Sideswipe Opposite Direction	C	Clear	Daylight	Northwest	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_4.34-4.62	202101124817	21	03	25	06	Fixed Object	C	Clear	Darkness	Northwest	Unknown	Ran Off Roadway	Off Pavement - Right	PD
CH21	CH21_5.21-5.36	201801428072	18	03	19	07	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH21	CH21_5.21-5.36	201901174706	19	01	24	07	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202201239724	22	07	03	13	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	201901345186	19	08	17	20	Front to Rear	A	Cloudy/Overcast	Dusk	North	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202101171457	21	05	07	16	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH21	CH21_5.21-5.36	201901479727	19	11	11	08	Front to Rear	A	Snow	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202101229180	21	07	20	07	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH21	CH21_5.21-5.36	201801492275	18	12	12	08	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202201212405	22	06	03	13	Other Non-Collision	A	Clear	Daylight	South	Changing Lanes	Other Non-Collision	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202101425238	21	11	26	12	Front to Rear	A	Cloudy/Overcast	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH21	CH21_5.21-5.36	201801269152	18	09	03	17	Fixed Object	A	Rain	Daylight	South	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Right	B-Injury
CH21	CH21_5.21-5.36	202101229191	21	07	20	19	Front to Rear	A	Clear	Daylight	South	Starting In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH21	CH21_5.21-5.36	202101367262	21	11	02	07	Front to Rear	A	Clear	Daylight	South	Starting In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH21	CH21_5.21-5.36	201901354486	19	09	06	03	Turning	A	Clear	Darkness, Lighted Road	South	Turning Left	Motor Vehicle In Traffic	Intersection	B-Injury
CH21	CH21_5.21-5.36	201901295054	19	06	06	18	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202201107804	22	03	24	18	Front to Rear	A	Rain	Dusk	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH21	CH21_5.21-5.36	201901358775	19	09	24	07	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH21	CH21_5.21-5.36	201801073294	18	02	05	15	Front to Rear	A	Snow	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202201092150	22	02	18	18	Fixed Object	A	Snow	Darkness, Lighted Road	Southwest	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Right	PD
CH21	CH21_5.21-5.36	201801457114	18	07	25	17	Front to Rear	A	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202101122103	21	03	02	12	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH21	CH21_5.21-5.36	201901356656	19	09	18	15	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	201801480516	18	10	29	19	Front to Rear	A	Clear	Darkness	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202001146379	20	02	12	15	Front to Rear	A	Snow	Daylight	South	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	201801413112	18	01	17	18	Turning	A	Clear	Darkness	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	201801449063	18	06	20	09	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	Intersection	C-Injury
CH21	CH21_5.21-5.36	201801467574	18	09	16	14	Front to Rear	A	Clear	Daylight	Northeast	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202101116852	21	02	13	14	Front to Rear	A	Snow	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH21	CH21_5.21-5.36	202101124788	21	03	22	20	Turning	A	Clear	Darkness, Lighted Road	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH21	CH21_5.21-5.36	202201145578	22	03	29	11	Fixed Object	A	Clear	Daylight	South	Skidding/Control Loss	Ran Off Roadway	Off Pavement - Right	B-Injury
CH21	CH21_5.21-5.36	202201432008	22	11	30	12	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202201435609	22	12	21	18	Turning	A	Clear	Dusk	North	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202101171219	21	05	04	17	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH21	CH21_5.21-5.36	201801456650	18	07	23	14	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202001328744	20	12	07	16	Front to Rear	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	201901478233	19	11	04	14	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH21	CH21_5.21-5.36	201801439526	18	05	09	16	Front to Rear	A	Clear	Daylight	Southwest	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_4.34-4.62	202001224769	20	05	04	12	Sideswipe Opposite Direction	C	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.21-5.36	202001355384	20	09	29	16	Front to Rear	A	Clear	Daylight	Southwest	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.04-5.21	202201435072	22	12	14	17	Front to Rear	A	Rain	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.04-5.21	201801480587	18	10	31	07	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_5.04-5.21	202101430127	21	12	22	14	Front to Rear	A	Clear	Daylight	Southwest	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_4.53-4.69	202101343227	21	10	28	07	Animal	A	Clear	Dawn	Northwest	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH30	CH30_4.53-4.69	202001050652	20	02	02	03	Fixed Object	A	Clear	Darkness	North	Straight Ahead	Ran Off Roadway	Other	A-Injury
CH21	CH21_3.31-3.57	202201323930	22	09	22	05	Turning	C	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_3.04-3.13	201901154630	19	05	18	23	Other Non-Collision	C	Clear	Darkness	Southeast	Negotiating A Curve	Ran Off Roadway	Off Pavement - Right	PD
CH21	CH21_3.04-3.13	201901301233	19	07	26	05	Animal	C	Clear	Dawn	South	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH21	CH21_3.04-3.13	201901416747	19	11	12	05	Fixed Object	C	Clear	Darkness	South	Straight Ahead	Ran Off Roadway	Off Pavement - Left	PD
CH21	CH21_3.04-3.13	201801294139	18	09	12	07	Front to Rear	C	Clear	Daylight	Northwest	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_3.42-3.73	201801426510	18	03	11	14	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201801454961	18	07	14	23	Front to Rear	A	Rain	Daylight	North	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_1.34-1.65	202001316952	20	11	28	13	Angle	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	B-Injury
CH21	CH21_1.34-1.65	201901162355	19	05	14	13	Angle	C	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH21	CH21_1.34-1.65	202101242590	21	08	06	08	Angle	C	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH21	CH21_1.34-1.65	202201231793	22	07	21	19	Angle	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH21	CH21_1.34-1.65	202201272866	22	08	24	07	Angle	C	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	C-Injury
CH30	CH30_3.42-3.73	201901196278	19	02	17	15	Front to Rear	A	Snow	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901481808	19	11	19	14	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201801446490	18	06	07	05	Sideswipe Opposite Direction	A	Clear	Daylight	South	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901480940	19	11	15	17	Front to Rear	A	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_1.34-1.65	201901062050	19	02	19	19	Angle	C	Clear	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH21	CH21_1.34-1.65	202101302481	21	09	20	12	Overturned	C	Clear	Daylight	North	Straight Ahead	Overturn	On Pavement (Roadway)	A-Injury
CH21	CH21_1.34-1.65	202101358657	21	10	29	13	Angle	C	Rain	Daylight	East	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901151825	19	01	10	17	Front to Rear	A	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201064804	22	02	23	12	Angle	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202101370837	21	11	17	16	Turning	A	Clear	Dusk	South	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202101385588	21	11	27	21	Front to Rear	A	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202101385608	21	11	23	05	Turning	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201038625	22	01	24	20	Front to Rear	A	Snow	Dusk	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201057511	22	02	08	16	Turning	A	Clear	Daylight	North	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201087026	22	03	10	18	Front to Rear	A	Snow	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201170594	22	05	25	13	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_3.42-3.73	202201191850	22	06	15	18	Turning	A	Clear	Daylight	Southeast	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_3.42-3.73	202201209030	22	06	24	19	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_3.42-3.73	202201210121	22	06	25	18	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201208556	22	06	17	12	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201257091	22	08	12	18	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD

RAW CRASH DATA
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

CountyHwy	New_Curve_ID	CASE_ID	YEAR	MONTH	DAY	HOUR	COLL_TYPE	Curve Group	WEATHER	LIGHTING	VEH1_DIR	VEH1_MANUV	VEH1_EVNT1	VEH1_LOC1	REC_TYPE
CH30	CH30_3.42-3.73	202201257098	22	08	10	14	Turning	A	Clear	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH30	CH30_3.42-3.73	202201256835	22	08	13	11	Front to Rear	A	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH30	CH30_3.42-3.73	202201261431	22	08	18	10	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201266790	22	08	18	10	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_3.42-3.73	202201282629	22	09	04	15	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201329460	22	10	07	10	Turning	A	Clear	Daylight	Southeast	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201350889	22	10	31	16	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201401026	22	12	06	06	Turning	A	Clear	Daylight	North	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_3.42-3.73	202201409435	22	12	17	17	Front to Rear	A	Clear	Darkness, Lighted Road	South	Starting In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201414621	22	12	20	17	Front to Rear	A	Clear	Darkness, Lighted Road	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202201424603	22	12	22	18	Turning	A	Snow	Darkness, Lighted Road	North	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH30	CH30_3.42-3.73	202201302194	22	09	18	12	Turning	A	Clear	Daylight	South	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH30	CH30_3.42-3.73	202001295939	20	05	21	21	Front to Rear	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH30	CH30_3.42-3.73	201801449844	18	06	23	15	Turning	A	Clear	Daylight	West	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202001295904	20	05	19	15	Turning	A	Clear	Daylight	Southeast	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH30	CH30_3.42-3.73	201801417949	18	02	04	12	Turning	A	Snow	Daylight	West	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH30	CH30_3.42-3.73	202101168632	21	04	18	08	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202001353229	20	09	06	14	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_3.42-3.73	201801453813	18	07	09	19	Angle	A	Clear	Daylight	West	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901196272	19	02	17	23	Turning	A	Snow	Darkness, Lighted Road	West	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH30	CH30_3.42-3.73	201901487333	19	12	23	13	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202001332673	20	08	10	18	Front to Rear	A	Clear	Daylight	Northwest	Straight Ahead	Motor Vehicle In Traffic	Intersection	C-Injury
CH30	CH30_3.42-3.73	202001363181	20	10	22	03	Front to Rear	A	Rain	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202001344334	20	08	22	19	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_3.42-3.73	201801446833	18	06	09	20	Sideswipe Same Direction	A	Clear	Darkness, Lighted Road	North	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202001159841	20	02	21	19	Turning	A	Clear	Darkness, Lighted Road	East	Turning Left	Motor Vehicle In Traffic	Intersection	C-Injury
CH30	CH30_3.42-3.73	202001209951	20	03	10	15	Turning	A	Clear	Daylight	East	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901296316	19	06	08	16	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901326996	19	07	20	09	Turning	A	Clear	Daylight	North	Turning Left	Motor Vehicle In Traffic	Off Pavement - Left	PD
CH30	CH30_3.42-3.73	201801461884	18	08	17	17	Front to Rear	A	Clear	Daylight	South	Avoiding Vehicle/Objects	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201801480477	18	10	30	11	Turning	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH30	CH30_3.42-3.73	202001343898	20	08	12	21	Front to Rear	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH30	CH30_3.42-3.73	201801486651	18	11	20	14	Turning	A	Clear	Daylight	West	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202001363089	20	10	19	19	Front to Rear	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202001205932	20	03	04	18	Front to Rear	A	Clear	Darkness, Lighted Road	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202001319678	20	06	24	21	Turning	A	Clear	Darkness, Lighted Road	Southeast	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH30	CH30_3.42-3.73	202001343135	20	08	07	07	Front to Rear	A	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202001355450	20	09	30	19	Front to Rear	A	Clear	Dusk	Northwest	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202001363153	20	10	20	17	Front to Rear	A	Dusk	Southeast	Southeast	Straight Ahead	Motor Vehicle In Traffic	Intersection	C-Injury
CH30	CH30_3.42-3.73	202001369798	20	12	18	13	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901154054	19	01	12	14	Front to Rear	A	Snow	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901158377	19	01	17	07	Front to Rear	A	Snow	Dawn	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901296485	19	06	09	11	Turning	A	Clear	Daylight	Southeast	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901297504	19	06	12	15	Front to Rear	A	Rain	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901355778	19	08	31	09	Parked Motor Vehicle	A	Clear	Daylight	South	Straight Ahead	Hit Parked Vehicle	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901478121	19	11	02	08	Turning	A	Clear	Daylight	South	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201801312824	18	08	24	19	Turning	A	Rain	Darkness, Lighted Road	Southeast	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH30	CH30_3.42-3.73	201801437041	18	04	28	09	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201801456754	18	07	23	13	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201801463025	18	08	19	14	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201801464557	18	08	30	10	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH30	CH30_3.42-3.73	201801494683	18	12	20	12	Front to Rear	A	Fog/Smoke/Haze	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202101080658	21	02	05	11	Front to Rear	A	Clear	Daylight	North	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202101101079	21	01	08	20	Front to Rear	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202101178588	21	05	12	09	Turning	A	Clear	Daylight	Northwest	Turning Left	Motor Vehicle In Traffic	Intersection	C-Injury
CH30	CH30_3.42-3.73	202101179884	21	05	19	11	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202101221530	21	06	23	10	Angle	A	Rain	Daylight	West	Straight Ahead	Motor Vehicle In Traffic	Intersection	B-Injury
CH30	CH30_3.42-3.73	201801438207	18	05	03	15	Front to Rear	A	Clear	Daylight	South	Skidding/Control Loss	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_3.42-3.73	202001224915	20	05	05	07	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901292894	19	06	01	17	Front to Rear	A	Rain	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202101383927	21	10	02	12	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901296331	19	06	08	18	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	B-Injury
CH30	CH30_3.42-3.73	201901357272	19	09	19	19	Animal	A	Clear	Darkness	South	Unknown	Deer	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901486890	19	12	20	17	Front to Rear	A	Cloudy/Overcast	Darkness, Lighted Road	Southeast	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901264714	19	04	18	18	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202101221409	21	06	12	19	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901487337	19	12	23	16	Front to Rear	A	Clear	Dusk	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901218955	19	03	06	06	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202001369983	20	12	23	17	Front to Rear	A	Rain	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201801465088	18	09	03	14	Front to Rear	A	Cloudy/Overcast	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201901273406	19	04	28	16	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	201801211439	18	05	21	20	Animal	A	Fog/Smoke/Haze	Darkness, Lighted Road	North	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH30	CH30_3.42-3.73	202101413224	21	10	21	04	Sideswipe Same Direction	A	Clear	Darkness, Lighted Road	South	Changing Lanes	Motor Vehicle In Traffic	On Pavement (Roadway)	A-Injury
CH30	CH30_1.04-1.23	202201435552	22	12	21	11	Turning	A	Clear	Daylight	South	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	202001124807	20	01	24	06	Turning	A	Snow	Darkness	Northeast	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	202001129188	20	04	28	23	Animal	A	Clear	Darkness	North	Straight Ahead	Deer	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	202001133183	20	02	01	18	Turning	A	Clear	Darkness, Lighted Road	East	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	202001363099	20	10	21	18	Turning	A	Rain	Darkness, Lighted Road	North	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	202001368352	20	12	03	06	Front to Rear	A	Clear	Dawn	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	202001369153	20	12	12	15	Turning	A	Cloudy/Overcast	Daylight	Northeast	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	202001370157	20	12	30	13	Turning	A	Clear	Daylight	South	Turning Left	Motor Vehicle In Traffic	Intersection	PD
CH30	CH30_1.04-1.23	201901357370	19	09	22	09	Front to Rear	A	Rain	Daylight	South	Other	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_1.04-1.23	201901384525	19	10	14	23	Animal	A	Clear	Darkness	North	Turning Left	Deer	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	201901456687	19	09	27	10	Turning	A	Rain	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD

RAW CRASH DATA
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

CountyHwy	New_Curve_ID	CASE_ID	YEAR	MONTH	DAY	HOUR	COLL_TYPE	Curve Group	WEATHER	LIGHTING	VEH1_DIR	VEH1_MANUV	VEH1_EVNT1	VEH1_LOC1	REC_TYPE
CH30	CH30_1.04-1.23	201901483346	19	11	27	18	Turning	A	Clear	Darkness, Lighted Road	Northeast	Turning Left	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_1.04-1.23	201801457723	18	07	28	14	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	202101338035	21	10	07	12	Front to Rear	A	Rain	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	Intersection	PD
CH30	CH30_1.04-1.23	202101100761	21	01	07	17	Front to Rear	A	Snow	Darkness	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	202101189491	21	06	07	20	Front to Rear	A	Clear	Darkness, Lighted Road	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_1.04-1.23	202101189568	21	06	08	17	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	C-Injury
CH30	CH30_1.04-1.23	202101425475	21	12	01	08	Front to Front	A	Cloudy/Overcast	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	Intersection	PD
CH30	CH30_1.04-1.23	202101425602	21	12	05	13	Turning	A	Rain	Daylight	Northwest	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	202201093509	22	02	24	18	Turning	A	Snow	Darkness, Lighted Road	North	Turning Right	Motor Vehicle In Traffic	Intersection	PD
CH30	CH30_1.04-1.23	202201095643	22	02	28	15	Turning	A	Clear	Daylight	South	Turning Right	Motor Vehicle In Traffic	Intersection	PD
CH30	CH30_1.04-1.23	202201169881	22	05	18	13	Angle	A	Clear	Daylight	East	Driving Wrong Way	Motor Vehicle In Traffic	Intersection	PD
CH30	CH30_1.04-1.23	202201239807	22	07	06	06	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	201901488009	19	12	31	00	Turning	A	Snow	Darkness	North	Turning Right	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	201801456670	18	07	23	11	Front to Rear	A	Clear	Daylight	North	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	201901099324	19	01	09	07	Front to Rear	A	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	201801492019	18	12	10	06	Front to Rear	A	Clear	Dawn	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	201901358739	19	10	04	07	Front to Rear	A	Clear	Daylight	South	Slow/Stop In Traffic	Motor Vehicle In Traffic	On Pavement (Roadway)	PD
CH30	CH30_1.04-1.23	201801427233	18	03	15	08	Front to Rear	A	Clear	Daylight	South	Straight Ahead	Motor Vehicle In Traffic	On Pavement (Roadway)	PD

RAW GIS/EXCEL AVAILABLE UPON REQUEST

Crash Analysis

Kane County DOT – 2024 HSIP Application

Rural Curve Systemic Improvement

LOCATION INFORMATION / EXISTING CONDITIONS

The proposed systemic project focuses on rural sections of road where there are curves present. The conditions along individual highways may be different from what is described below, but the purpose of providing this document is to give a summary of the most common road characteristics present within this study to allow a reviewer to better understand the project.

Roads were generally two-lane bi-directional rural highways. Oftentimes speed limits were >40mph with many roads being posted at 55mph. Generally, the project locations are along stretches of highway that do not pass through residential or business areas. Shoulders, if present, are generally small and cannot be used as an emergency lane.

CRASH ANALYSIS

This section provides a summary of the crash data from 2018-2022 inclusive of all proposed improvement locations.

- 858 Total Crashes (27 miles total)
 - 403 (47%) Rear End: 1 A-injury, 49 B-injury, 51 C-injury
 - 167 (20%) Turning Left: 1 Fatal, 42 B-injury, 22 C-injury
 - 67 (8%) Fixed Object: 1 Fatal, 3 A-injury, 8 B-injury, 5 C-injury
 - 51 (6%) Turning Right: 6 B-injury, 2 C-injury
 - 44 (5%) Animal: 1 A-injury, 2 B-injury, 2 C-injury
 - 39 (4%) Sideswipe Same Direction: 1 A-injury, 4 B-injury
 - 35 (4%) Angle: 2 A-injury, 7 B-injury, 13 C-injury
 - 14 (2%) Sideswipe Opposite Direction: 3 A-injury, 2 B-injury, 2 C-injury
 - 10 (1%) Other Object: 1 A-injury, 1 B-injury, 1 C-injury
 - 8 (1%) Other Non-Collision: 1 B-injury
 - 8 (1%) Overturned: 1 A-injury, 2 B-injury, 1 C-injury
 - 8 (1%) Head On: 1 Fatal, 2 A-injury, 2 B-injury, 1 C-injury
 - 3 (0%) Pedalcyclist: 1 Fatal, 2 B-injury
 - 1 (0%) Pedestrian: 1 B-injury

There was a total of 858 crashes within the 5 years studied along these segments including 4 Fatal crashes, 32 A-injuries, 129 B-injuries, and 100 C-injury. The most common crash types were rear end, animal, and fixed object. While reviewing crashes along the curves it was found that any location with major intersections gave a bump to the total crash volume of the curve. To help mitigate this unintentional weighting intersection crashes were reviewed to ensure the crash involved the studied routes.

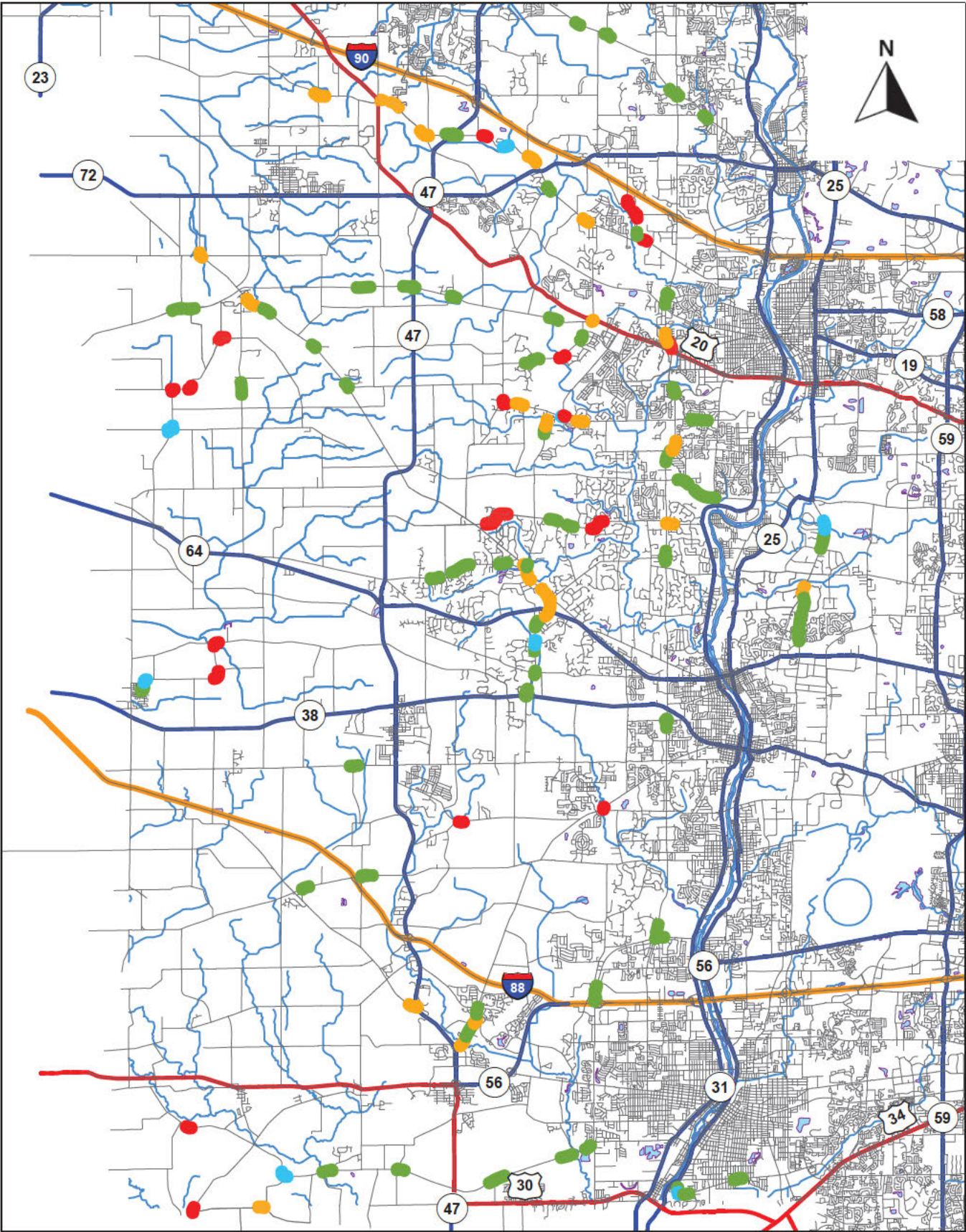
The primary goal of this systemic project is to address lane departure crashes such as fixed object, sideswipe opposite direction, and head on crashes – as well as minor run off road crashes that may not have been reported to the crash database. Roughly 11% of all crashes studied were lane

departure crashes. This represents a significant portion of the crashes and does not include other crash types where a lane departure may have occurred but was not the primary reason for the crash. Two of the four fatal crashes were lane departure crashes. Due to the frequency and severity of lane departure crashes it will greatly benefit the County to perform systemic improvements across all identified 120 rural curve locations to address lane departure crashes at locations with similar geometry and existing conditions. Some curves may not have as high of a crash rate as the higher ranked locations, but they have the potential to be as dangerous as similar curves that do have high crash rates and were included in this project as a preventative measure.

Section 6

Project Location Map

KANE COUNTY DOT - 2024 HSIP APPLICATION



- Group A
- Group B
- Group C
- Group D

LOCATION MAP
RURAL CURVE SYSTEMIC IMPROVEMENT

*GIS Shape File Available Upon Request

CURVE IMPROVEMENT LOCATIONS
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

Curve ID	County Highway	Route Name	Mile Marker (start)	Mile Marker (end)	Length (mile)	Group Name	Outside Striping	Curve Warning	Speed Warning	Chevrons	Warning Flashers	Chip Seal
CH02_0.01-0.63	CH02	Burlington Rd	0.01	0.63	0.62	C	X	X		X		
CH02_0.98-1.18	CH02	Burlington Rd	0.98	1.18	0.2	C	X		X	X		
CH02_1.18-1.43	CH02	Burlington Rd	1.18	1.43	0.25	C	X	X	X	X		
CH02_7.98-7.83	CH02	Burlington Rd	7.83	7.98	0.15	A	X			X		
CH02_9.13-9.27	CH02	Burlington Rd	9.13	9.27	0.14	A	X			X		
CH02_10.56-10.79	CH02	Burlington Rd	10.56	10.79	0.23	A	X			X		
CH02_11.00-11.25	CH02	Burlington Rd	11.00	11.25	0.25	C	X	X		X		
CH04_8.69-8.91	CH04	Harter Rd	8.69	8.91	0.22	C	X	X		X		
CH05_2.58-2.90	CH05	Silver Glen Rd	2.58	2.90	0.32	D	X	X				X
CH05_2.90-3.24	CH05	Silver Glen Rd	2.90	3.24	0.34	D	X	X	X			X
CH05_4.31-4.54	CH05	Silver Glen Rd	4.31	4.54	0.23	A	X			X		X
CH05_4.78-4.96	CH05	Silver Glen Rd	4.78	4.96	0.18	A	X			X		
CH05_5.39-5.60	CH05	Silver Glen Rd	5.39	5.60	0.21	D	X	X				
CH05_5.60-5.81	CH05	Silver Glen Rd	5.60	5.81	0.21	D	X	X				
CH05_7.39-7.59	CH05	Silver Glen Rd	7.39	7.59	0.2	C	X	X		X		
CH09_1.69-1.81	CH09	Galena Rd	1.69	1.81	0.12	C	X	X		X		
CH10_4.08-4.28	CH10	Main St	4.08	4.28	0.2	A	X			X		
CH10_5.61-5.91	CH10	Main St	5.61	5.91	0.3	A	X			X		
CH11_4.03-4.35	CH11	Peplow Rd	4.03	4.35	0.32	A	X			X		
CH17_4.24-4.39	CH17	Bowes Rd	4.24	4.39	0.15	D	X	X				
CH17_0.25-0.47	CH17	Bowes Rd	0.25	0.47	0.22	C	X		X	X		
CH17_1.44-1.51	CH17	Bowes Rd	1.44	1.51	0.07	B	X					
CH17_1.51-1.57	CH17	Bowes Rd	1.51	1.57	0.06	D	X		X			
CH17_1.85-2.06	CH17	Bowes Rd	1.85	2.06	0.21	C	X	X	X	X		
CH17_4.74-4.96	CH17	Bowes Rd	4.74	4.96	0.22	A	X			X		
CH17_4.96-5.17	CH17	Bowes Rd	4.96	5.17	0.21	A	X			X		
CH19_1.22-1.58	CH19	Dunham Rd	1.22	1.58	0.36	A	X			X		
CH19_1.71-1.96	CH21	Big Timber Rd	1.71	1.96	0.25	B	X					
CH21_1.34-1.65	CH21	Big Timber Rd	1.34	1.65	0.31	C	X	X		X		
CH21_3.04-3.13	CH21	Big Timber Rd	3.04	3.13	0.09	C	X	X		X		
CH21_3.31-3.57	CH21	Big Timber Rd	3.31	3.57	0.26	C	X	X		X		X
CH21_4.34-4.62	CH21	Big Timber Rd	4.34	4.62	0.28	C	X	X	X	X		
CH21_5.04-5.21	CH21	Big Timber Rd	5.04	5.21	0.17	A	X			X		
CH21_5.21-5.36	CH21	Big Timber Rd	5.21	5.36	0.15	A	X			X		
CH21_5.96-6.11	CH21	Big Timber Rd	5.96	6.11	0.15	D	X	X	X			
CH21_6.59-6.76	CH21	Big Timber Rd	6.59	6.76	0.17	B	X					
CH21_7.33-7.61	CH21	Big Timber Rd	7.33	7.61	0.28	C	X	X		X		
CH21_8.26-8.43	CH21	Big Timber Rd	8.26	8.43	0.17	A	X			X		
CH21_9.47-9.67	CH21	Big Timber Rd	9.47	9.67	0.2	C	X	X		X		
CH21_11.08-11.21	CH21	Big Timber Rd	11.08	11.21	0.13	D	X	X				
CH22_2.97-3.33	CH22	Plank Rd	2.97	3.33	0.36	A	X			X		
CH22_4.14-4.47	CH22	Plank Rd	4.14	4.47	0.33	A	X			X		X
CH22_5.36-5.52	CH22	Plank Rd	5.36	5.52	0.16	A	X			X		
CH22_7.90-8.16	CH22	Plank Rd	7.90	8.16	0.26	A	X			X		
CH22_9.00-9.07	CH22	Plank Rd	9.00	9.07	0.07	C	X	X		X	X	X
CH23_0.29-0.36	CH23	Main Street	0.29	0.36	0.07	A	X			X		
CH23_0.36-0.44	CH23	Main Street	0.36	0.44	0.08	A	X			X		
CH23_0.53-0.68	CH23	Main Street	0.53	0.68	0.15	B	X					

Curve ID	County Highway	Route Name	Mile Marker (start)	Mile Marker (end)	Length (mile)	Group Name	Outside Striping	Curve Warning	Speed Warning	Chevrons	Warning Flashers	Chip Seal
CH23_2.34-2.62	CH23	Main Street	2.34	2.62	0.28	D	X	X				
CH23_3.23-3.43	CH23	Main Street	3.23	3.43	0.2	D	X	X				
CH24_2.15-2.30	CH24	Jericho Rd	2.15	2.30	0.15	D	X	X				
CH24_5.04-5.27	CH24	Jericho Rd	5.04	5.27	0.23	B	X					X
CH24_6.16-6.42	CH24	Jericho Rd	6.16	6.42	0.26	A	X			X		
CH24_8.03-8.24	CH24	Jericho Rd	8.03	8.24	0.21	A	X			X		
CH24_10.50-10.95	CH24	Jericho Rd	10.50	10.95	0.45	A	X			X		
CH24_12.42-12.73	CH24	Jericho Rd	12.42	12.73	0.31	A	X			X		
CH24_13.07-13.25	CH24	Jericho Rd	13.07	13.25	0.18	A	X			X		
CH26_1.94-2.08	CH26	Hughes Rd	1.94	2.08	0.14	D	X	X				
CH28_2.45-2.57	CH28	McGough Rd	2.45	2.57	0.12	B	X					
CH28_2.57-2.69	CH28	McGough Rd	2.57	2.69	0.12	B	X					
CH28_3.53-3.65	CH28	McGough Rd	3.53	3.65	0.12	D	X	X				
CH28_3.98-4.13	CH28	McGough Rd	3.98	4.13	0.15	D	X	X				
CH28_5.54-5.71	CH28	McGough Rd	5.54	5.71	0.17	D	X	X				
CH29_0.17-0.24	CH29	Montgomery Rd	0.17	0.24	0.07	A	X			X		
CH29_0.30-0.41	CH29	Montgomery Rd	0.30	0.41	0.11	B	X					
CH29_0.47-0.63	CH29	Montgomery Rd	0.47	0.63	0.16	A	X			X		
CH29_1.79-2.03	CH29	Montgomery Rd	1.79	2.03	0.24	A	X			X		
CH30_0.25-0.41	CH30	Huntley Rd	0.25	0.41	0.16	A	X			X		
CH30_1.04-1.23	CH30	Huntley Rd	1.04	1.23	0.19	A	X			X		X
CH30_3.42-3.73	CH30	Huntley Rd	3.42	3.73	0.31	A	X			X		
CH30_4.53-4.69	CH30	Huntley Rd	4.53	4.69	0.16	A	X			X		
CH33_1.52-1.72	CH33	Russell Rd	1.52	1.72	0.2	A	X			X		
CH33_1.72-1.92	CH33	Russell Rd	1.72	1.92	0.2	A	X			X		
CH33_2.41-2.59	CH33	Russell Rd	2.41	2.59	0.18	D	X	X				
CH33_3.12-3.28	CH33	Russell Rd	3.12	3.28	0.16	A	X			X		X
CH71_0.02-0.26	CH71	Mooseheart Rd	0.02	0.26	0.24	A	X			X		
CH34_0.16-0.37	CH34	Randall Rd	0.16	0.37	0.21	A	X			X		
CH34_5.33-5.58	CH34	Randall Rd	5.33	5.58	0.25	A	X			X		
CH34_9.52-9.80	CH34	Randall Rd	9.52	9.80	0.28	A	X			X		
CH34_12.02-12.36	CH34	Randall Rd	12.02	12.36	0.34	A	X			X		
CH34_12.36-12.56	CH34	Randall Rd	12.36	12.56	0.2	C	X	X		X	X	
CH34_13.80-14.00	CH34	Randall Rd	13.80	14.00	0.2	A	X			X		
CH34_14.94-15.16	CH34	Randall Rd	14.94	15.16	0.22	D	X	X				
CH34_15.16-15.43	CH34	Randall Rd	15.16	15.43	0.27	C	X	X		X		
CH34_16.12-16.41	CH34	Randall Rd	16.12	16.41	0.29	A	X			X		
CH35_0.00-0.05	CH35	Granart Rd	0.00	0.05	0.05	D	X	X				
CH37_0.29-0.60	CH37	Stearns Rd	0.29	0.60	0.31	A	X			X		
CH37_0.80-1.39	CH37	Stearns Rd	0.80	1.39	0.59	A	X			X		X
CH38_1.06-1.31	CH38	Plank Rd	1.06	1.31	0.25	A	X			X		
CH38_1.45-1.65	CH38	Plank Rd	1.45	1.65	0.2	A	X			X		
CH41_5.50-5.73	CH41	Keslinger Rd	5.50	5.73	0.23	A	X			X		
CH46_1.24-1.40	CH46	Walker Rd	1.24	1.40	0.16	C	X	X		X		X
CH59_0.10-0.21	CH59	Tyrrell Rd	0.10	0.21	0.11	A	X			X		
CH59_0.54-0.73	CH59	Tyrrell Rd	0.54	0.73	0.19	D	X	X				
CH59_0.93-1.08	CH59	Tyrrell Rd	0.93	1.08	0.15	D	X	X				
CH69_1.15-1.39	CH69	Empire Rd	1.15	1.39	0.24	A	X			X		
CH69_1.70-1.95	CH69	Empire Rd	1.70	1.95	0.25	A	X			X		
CH69_1.95-2.22	CH69	Empire Rd	1.95	2.22	0.27	A	X			X		
CH69_2.94-3.17	CH69	Empire Rd	2.94	3.17	0.23	A	X			X		
CH71_0.02-0.26	CH71	Mooseheart Rd	0.02	0.26	0.24	A	X			X		
CH77_7.85-8.11	CH77	Kirk Rd	7.85	8.11	0.26	A	X			X		

Curve ID	County Highway	Route Name	Mile Marker (start)	Mile Marker (end)	Length (mile)	Group Name	Outside Striping	Curve Warning	Speed Warning	Chevrons	Warning Flashers	Chip Seal
CH77_8.26-8.54	CH77	Kirk Rd	8.26	8.54	0.28	A	X			X		
CH77_8.69-8.97	CH77	Kirk Rd	8.69	8.97	0.28	A	X			X		
CH19_0.00-0.19	CH19	Dunham Rd	0.00	0.19	0.19	C	X	X		X		
CH78_0.12-0.31	CH78	Bliss Rd	0.12	0.31	0.19	C	X	X		X		
CH78_0.40-0.57	CH78	Bliss Rd	0.40	0.57	0.17	A	X			X		
CH78_0.61-0.79	CH78	Bliss Rd	0.61	0.79	0.18	A	X			X		
CH78_0.79-0.96	CH78	Bliss Rd	0.79	0.96	0.17	C	X	X	X	X		
CH78_1.03-1.24	CH78	Bliss Rd	1.03	1.24	0.21	A	X			X		
CH80_0.01-0.11	CH80	Corron Rd	0.01	0.11	0.1	A	X			X		
CH80_3.46-3.65	CH80	Corron Rd	3.46	3.65	0.19	A	X			X		
CH80_3.65-3.85	CH80	Corron Rd	3.65	3.85	0.2	C	X	X		X		
CH81_1.63-1.85	CH81	LaFox Rd	1.63	1.85	0.22	A	X			X		
CH81_2.24-2.37	CH81	LaFox Rd	2.24	2.37	0.13	A	X			X		
CH81_2.84-2.99	CH81	LaFox Rd	2.84	2.99	0.15	A	X			X		
CH81_2.99-3.13	CH81	LaFox Rd	2.99	3.13	0.14	B	X					
CH81_3.44-3.63	CH81	LaFox Rd	3.44	3.63	0.19	A	X			X		
CH81_3.84-4.00	CH81	LaFox Rd	3.84	4.00	0.16	C	X	X		X		
CH83_5.05-5.45	CH83	Orchard Rd	5.05	5.45	0.4	A	X			X		X
CH84_0.00-0.07	CH84	Kaneville Rd	0.00	0.07	0.07	D	X	X				

Section 7

Project Estimated Cost Breakdown

COST ESTIMATE
KANE COUNTY DOT - 2024 HSIP APPLICATION
Rural Curve Systemic Improvement

Improvement Types	Unit Cost	Unit	Item Total		State/County Split	
			Quantity	Cost	State (90%)	County (10%)
Increase outside Striping From 4" to 6"	\$ 1.00	Foot	284,803	\$ 284,803.20	\$ 256,322.88	\$ 28,480.32
Provide Curve Warning Signs	\$ 1,000.00	Each	73	\$ 73,000.00	\$ 65,700.00	\$ 7,300.00
Install Chevrons	\$ 450.00	Each	726	\$ 326,641.50	\$ 293,977.35	\$ 32,664.15
Install Warning Flashers on Curve Warning Sign	\$ 2,500.00	Each	4	\$ 10,000.00	\$ 9,000.00	\$ 1,000.00
Add Advisory Speed Warning Sign	\$ 1,000.00	Each	11	\$ 11,000.00	\$ 9,900.00	\$ 1,100.00
Chip Seal	\$ 18,000.00	Mile	5	\$ 90,180.00	\$ 81,162.00	\$ 9,018.00
Construction Total				\$ 795,624.70	\$ 716,062.23	\$ 79,562.47
Mobilization				\$ 39,781.24	\$ 35,803.11	\$ 3,978.12
Contingency				\$ 79,562.47	\$ 71,606.22	\$ 7,956.25
Construction Engineering				\$ 79,562.47	\$ 71,606.22	\$ 7,956.25

TOTAL PROJECT COST	\$ 994,530.88	\$ 895,077.79	\$ 99,453.09
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Improvement Types	Unit Cost	Unit	Group A		Group B		Group C		Group D	
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
Increase outside Striping From 4" to 6"	\$ 1.25	Foot	166,742	\$ 208,428.00	23,443	\$ 29,304.00	56,179	\$ 70,224.00	38,438	\$ 48,048.00
Provide Curve Warning Signs	\$ 1,250.00	Each	-	\$ -	-	\$ -	38	\$ 47,500.00	35	\$ 43,750.00
Install Chevrons	\$ 562.50	Each	537	\$ 302,248.13	-	\$ -	189	\$ 106,053.75	-	\$ -
Install Warning Flashers on Curve Warning Sign	\$ 3,125.00	Each	-	\$ -	-	\$ -	4	\$ 12,500.00	-	\$ -
Add Advisory Speed Warning Sign	\$ 1,250.00	Each	-	\$ -	-	\$ -	8	\$ 10,000.00	3	\$ 3,750.00
Chip Seal	\$ 22,500.00	Mile	2.82	\$ 63,450.00	0.46	\$ 10,350.00	0.75	\$ 16,875.00	0.98	\$ 22,050.00
Construction Total				\$ 574,126.13		\$ 39,654.00		\$ 263,152.75		\$ 117,598.00

*Unit costs for individual groups include mobilization, contingency, and construction engineering in order to provide the full requested funding

Section 8

Project Schedule

**ANTICIPATED PROJECT SCHEDULE
KANE COUNTY DOT - 2024 HSIP APPLICATION
RURAL CURVE SYSTEMIC IMPROVEMENT**

Project Scoping	10/24
IDOT Phase I Kick-Off Meeting	1/25
Submit Draft Phase I Report (PDR)	8/25
Submit Final Phase I Report (PDR)	12/25
Phase I Design Approval	3/26
Submit Pre-Final Plans and Estimates	8/26
Submit Phase III Engr. Agreement to IDOT	10/26
Submit Final Plans, Specs, and Estimates (PS&E)	10/26
Construction Letting	1/27
Project Completion	9/27

Section 9

Project Narrative

KANE COUNTY

DIVISION of TRANSPORTATION

Carl Schoedel, P.E.
Director of Transportation
County Engineer



41W011 Burlington Road
St. Charles, IL 60175
Phone: (630) 584-1170
Fax: (630) 584-5265

HSIP funds are requested for a systemic improvement safety project to rural curves throughout Kane County. This project targets rural curve locations where improvement types and locations were recommended based on a previous studies finding and include: adding wider outside striping, adding chevrons to the curving section, installing curve warning signs, and/or posting an advisory speed. In addition to the above-mentioned improvements select curves will also receive flashing warning lights on signs and/or chip seal applications. The two additional improvements will improve site conditions wherever they are applied but for ease of B/C calculation it was decided to include the improvements at a CMF of 1.0.

The total project cost is estimated at \$994,530.88, 90% of the total project cost (\$895,077.79) is requested from the State of Illinois' Highway Safety Improvement Program. The project, if awarded funding, is scheduled to begin October 2024 and proceed to letting in January FY2026. The project spans across multiple county highways to address curving locations that are currently deficient based on a 2022 systemic study. In general locations are located along the curved portion of 2-lane highways with an ADT roughly ~5000 daily vehicles. ADT and lane count was not considered as part of the study and may vary significantly based upon location.

A substantial portion of the crashes involved lane or roadway departures. Crashes were spread relatively evenly throughout the various curve locations. From 2018-2022, 4 fatal crashes, 32 A-type injury crashes, 129 B-Type injury crashes, and 100 C-Type injury crashes were observed. The crash distribution consists of 403 rear end, 167 turning left, 67 fixed object, 51 turning right, 44 animal, 39 sideswipe same direction, 35 angle, 14 sideswipe opposite direction, 10 other object, 8 overturned, 8 head on, 8 other non-collision, 3 pedal cyclist, and 1 pedestrian. All crashes were associated with similar improvement tiers and given a weighted benefit/cost ratio.

Multiple BC sheets were prepared to account for the systemic nature of the project and since not all improvements were necessary at every location. To give the project an overall BC each individual group was weighted based on the total cost of improvements and a final weighted BC score was found. The project has a weighted benefit-cost of 10.34 using IDOT's B/C tool.

Group	Location Count	EAUC	B/C RATIO	Construction Cost
A	65	\$ 268,350	9.0	\$ 574,126
B	9	\$ 32,850	2.5	\$ 39,654
C	24	\$ 99,700	19.9	\$ 263,153
D	20	\$ 60,900	4.8	\$ 117,598
TOTAL COST / WEIGHTED B/C RATIO		\$ 461,800	10.34	\$ 994,531

Section 10

Project Risk Assessment

Local Public Agency

Kane County

Risk Factor	Description	Definition of Scale (time frames are based on LPA fiscal year)	Points
General History of Performance	Have there been any changes in key organizational staff or leadership, such as Fiscal and Administrative Management, Transportation Related Program/Project Management, and/or Elected Officials?	0 points - No significant changes in the last 4 or more years; 1 point - Minor changes, but majority of key staff and officials have not changed in the last 4 years; 2 points - Significant key staff or elected leadership changes within the last 3 years; 3 points - Significant key staff and elected leadership changes within the last 3 years.	1
	What is the LPA's history with federal-aid funded transportation projects?	0 points - One or more federal-aid funded transportation projects per year; 1 point - At least one project within the past three years; 2 points - At least one project within the past 5 years; 3 points - None or more than 5 years	1
	Does LPA have qualified technical staff with experience managing federal-aid funded transportations through IDOT?	0 points - Full-time employee with experience designated as being in "responsible charge"; 1 point - LPA has qualified technical staff, but will be utilizing an engineering consultant to manage day-to-day with LPA technical staff oversight; 2 points - LPA has no technical staff and all technical work will be completed by consultant, but LPA staff has prior experience with federal-aid projects; 3 points - LPA staff have no prior experience or technical expertise and relying solely on consultant.	1
	Has the LPA been untimely in submitting invoicing, reporting on federal-aid projects as required in 2 CFR 200 , and or audits as required?	0 points - No; 1 point - Delays of 6 or more months; 2 points - Delays of up to 1 year; 3 points - 1 year or more years of delay.	1
Financial Controls	Are the annual financial statements prepared in accordance with Generally Accepted Accounting Principles or on a basis acceptable by the regulatory agency?	0 points - Yes; 3 points - no	1
	What is the LPA's accounting system?	0 points -Automated accounting software; 1 point - Spreadsheets; 2 points - Paper only; 3 points - None.	1
	Does the organization have written policies and procedures regarding proper segregation of duties for fiscal activities that include but are not limited to: a) authorization of transactions; b) record keeping for receipts and payments; and c) cash management?	0 points - Yes; 3 points - no	1
Audits	When was the last time a financial statement audit was conducted?	0 points - In the past year; 1 point - In the past 2 years; 2 points - In the past three years; 3 points - 4 years or more or never.	1
	What type of financial statement audit has the organization had conducted?	0 points - Single Audit/Program Specific Audit in accordance with 2 CFR 200.501 or Financial audit conducted in accordance with Generally Accepted Auditing Standards or Generally Accepted Government Auditing Standards; 1 point -Financial review; 3 points - Other type or none	1
	Did the most recent audit disclose findings considered to be significant deficiencies or material weaknesses?	0 points - No; 3 points - yes, or no audits required	1
	Have the findings been resolved?	0 points - Yes or no findings; 1 point - In progress; 3 points - No	1

Summary of Risk	
General History of Performance	1
Financial Controls	1
Audits	1
Total	3

Completed By



Title/Role



Signature & Date



Section 11

Uniform Grant Agreement Affidavit of Disclosure of Conflicts



Uniform Grant Agreement Affidavit of
Disclosure of Conflicts of Interest-Grantee



06.068.0148

Agreement No.

Employee Name

Carl Schoedel

Position of Employee

County Engineer/Director of Transportation

Grantee's disclosure of the information contained in this Form is required by the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards published in Title 2, Part 200 of the Code of Federal Regulations, 2 CFR 200.112, and 44 Ill. Admin Code 7000.40(b)(3). As an Employee or Officer of Grantee, I will remain bias-free before, during and after the award process of the Grant Agreement. Pursuant to the above referenced Uniform Guidance and Administrative Rules, I have identified below any relationship I have, or have had, of a family, political, financial, or social nature with any of Grantor's employees related to this Grant Agreement, and wait for direction from the Grants Unit Manager and the Department's Ethics Officer before proceeding to participate with Grantor in the award process. After submittal of this Disclosure to the Department's Bureau of Business Services, the Bureau of Business Services will provide this form to the Ethics Officer if a conflict is noted.

Check statement 1 or 2. If you check statement 1, please sign and date the form. If you check statement 2, please complete the information and then sign and date the form.

- ☒ 1. I do not have, nor have I had, any relationship described above nor any other conflict of interest with any of Grantor's employees for this Grant Agreement.
- ☐ 2. I have, or have had, a relationship described above or other conflict of interest with the following employees of Grantor for this Grant Agreement.

Name of Grantor's employee or officer

Nature of Potential Conflict

☒ By checking this box and typing my name below, I verify this document has been reviewed and approved by the owner and myself.

Approver Name

Date