

# 2023 Report

Boone County Highway Department



Our Vision:

***To help all users of Boone County's transportation system to reach their destination safely.***



# 2022 Contracted Work

Treatment	Length / Unit
Hot Mix Asphalt Resurfacing	9.6 miles
Microsurfacing	8 miles
Crackfill	32.75 miles
Bridge Replacements (Local & CCMG Funds)	1



# Permits

Permit Type	2018	2019	2020	2021	2022
Right of Way	34	55	69	79	72
Driveway	109	65	74	69	45
Road Closure	3	15	17	14	8
Dust Control	122	72	91	110	92
Frost Permits	1	5	4	3	6
Off-Road Vehicle	71	88	85	80	73



# 2022 Accomplishments

## Federal Grant Awards

### Bridge #61 Replacement

- CR 1000 E North Of SR 32

### Countywide Sign Replacement

- Replacement of Regulatory & Warning Signs

## State Grant Awards (CCMG)

### Bridge #150 Replacement

- CR 700 W South of CR 325 S

### Bridge #148 Replacement

- CR 600 W South of CR 200 S



# 2022 Report Card

How did we do?



**Report Card**

Excellent

Very Good

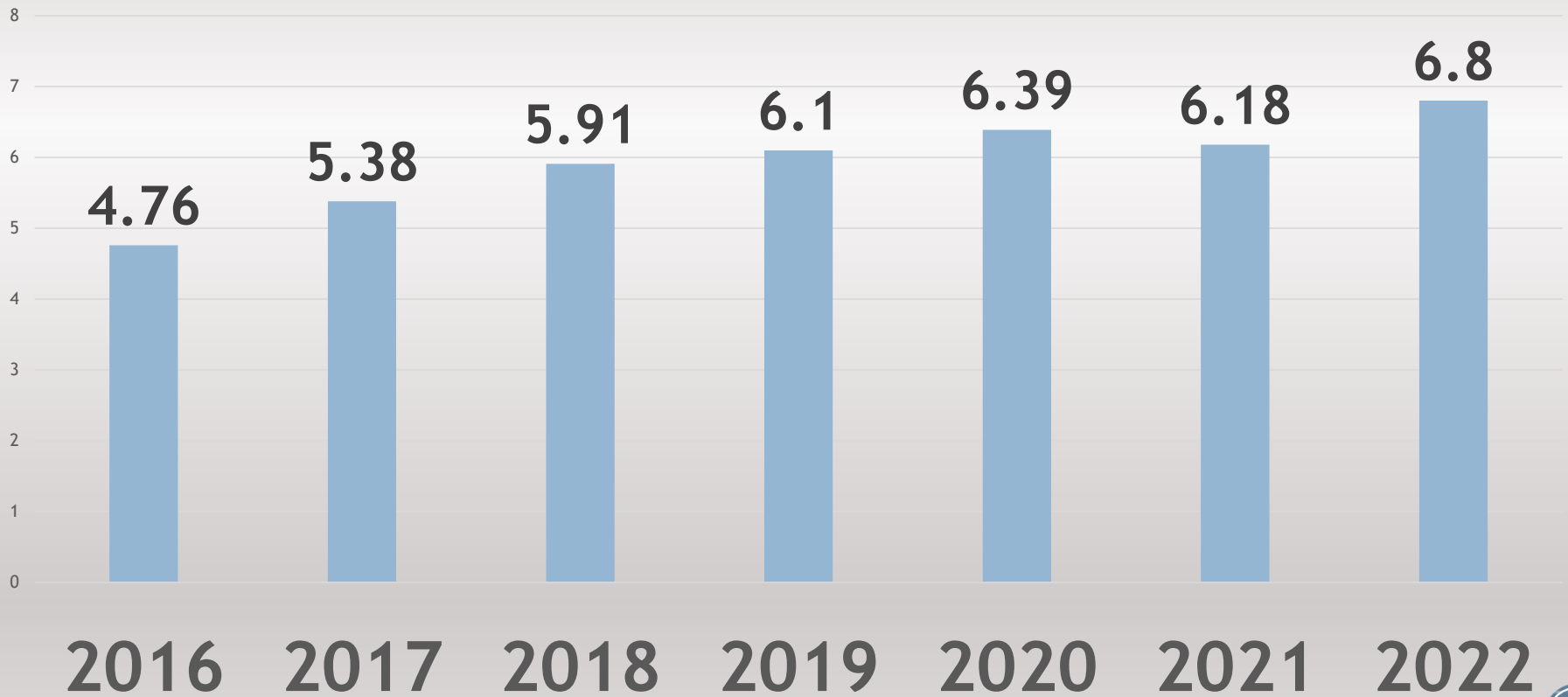
Good

Fair

# Paved Road Conditions

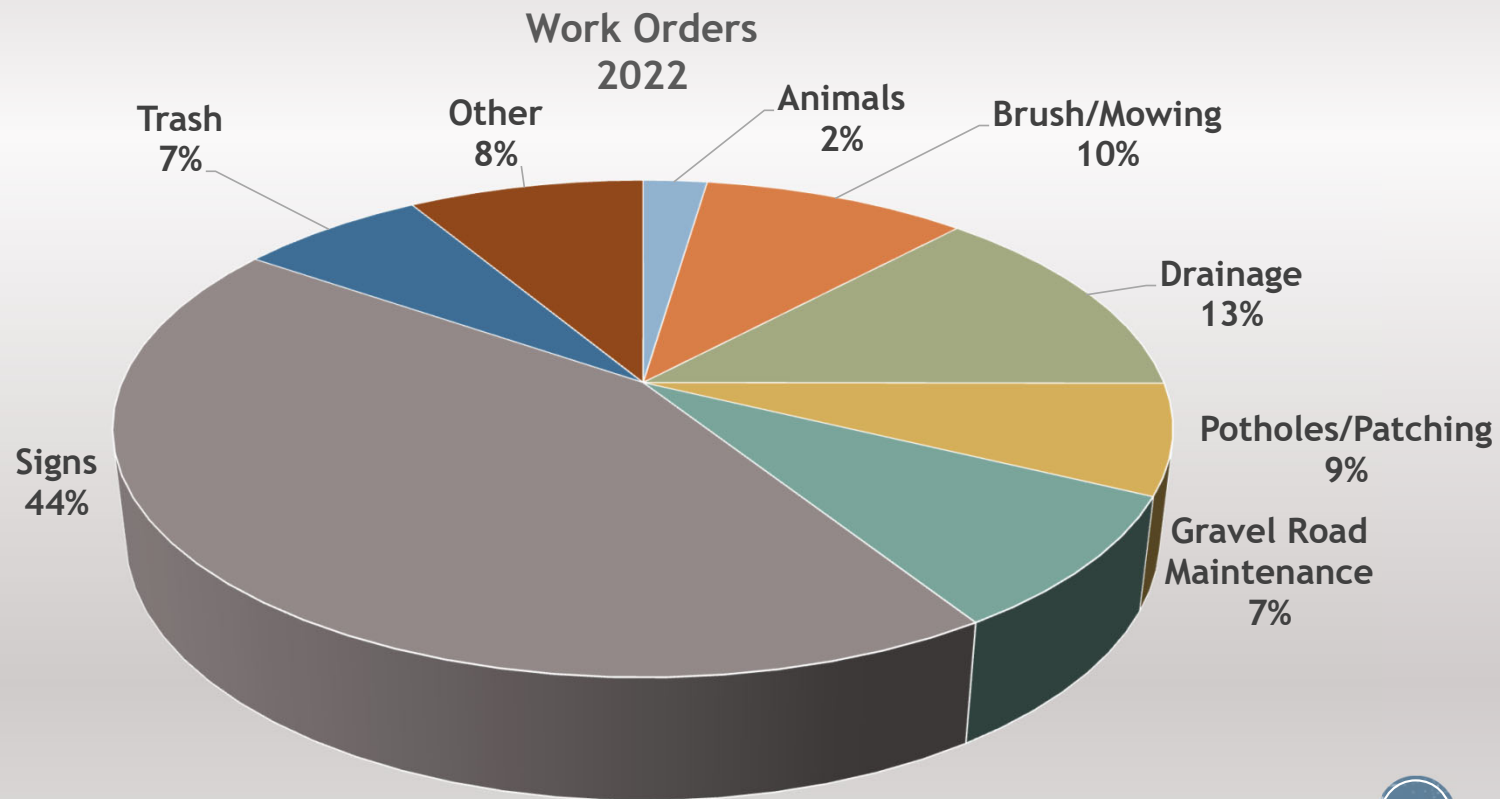
All roads rated 1 through 10. Failed road is a 1, "new" road is a 10.

PASER RATINGS



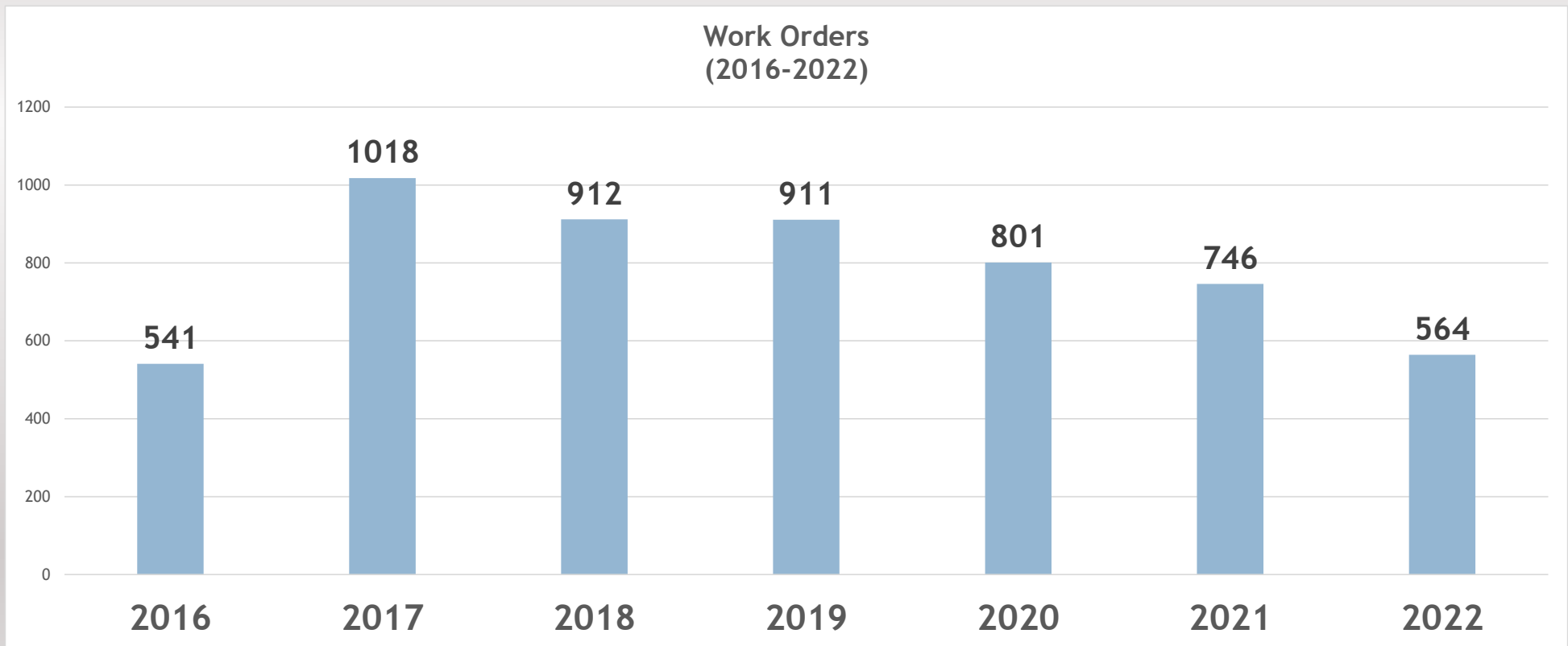
# 2022 Work Orders

Work Type	Number
Animals	13
Brush/Mowing	54
Drainage	73
Gravel Road Maintenance	40
Potholes/Patching	49
Signs	244
Trash	38
Other	48
<b>TOTAL =</b>	<b>564</b>

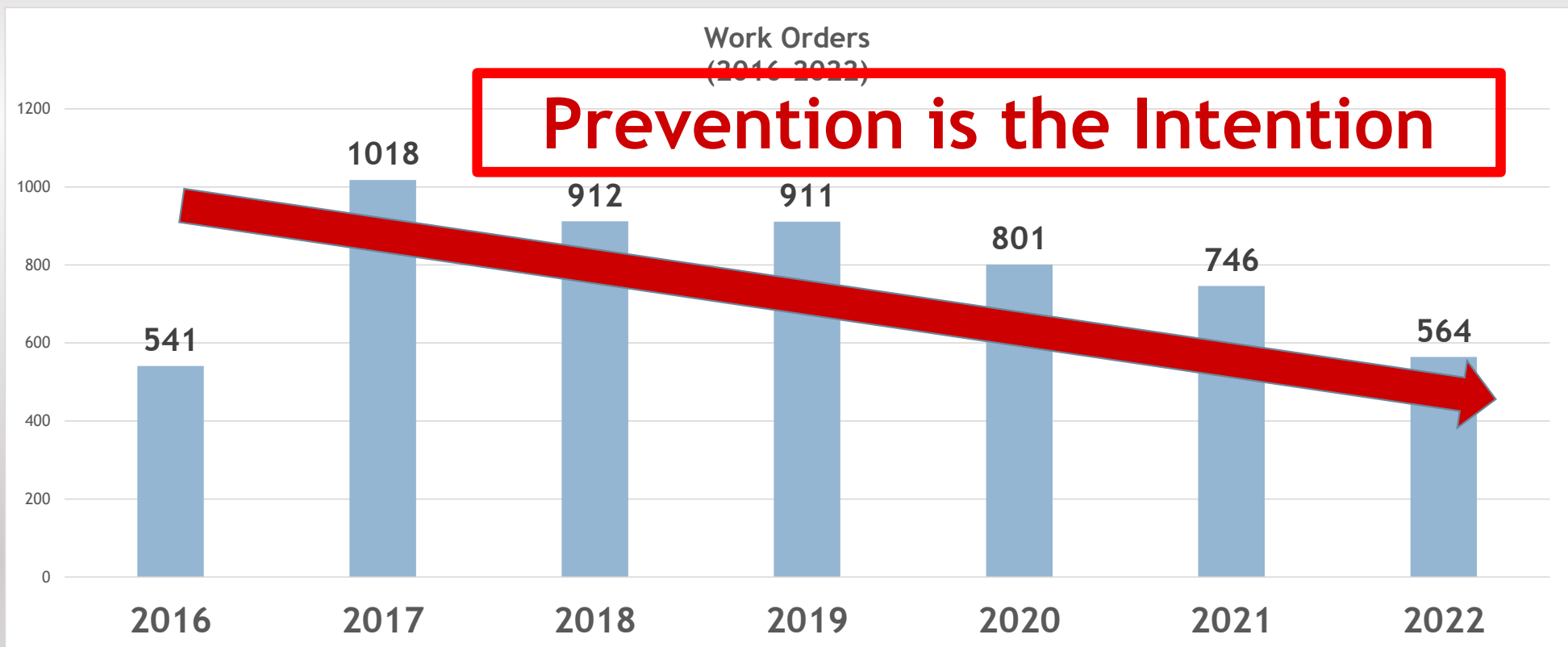




# Work Order Trends

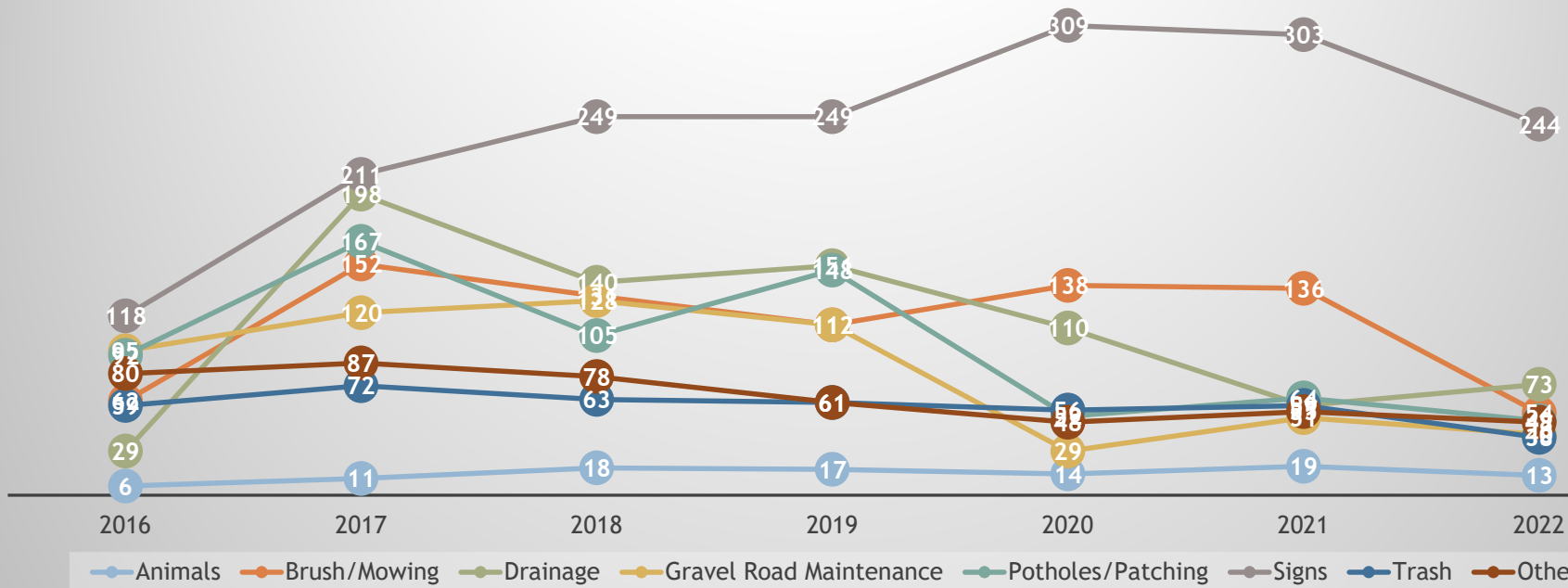


# Work Order Trends



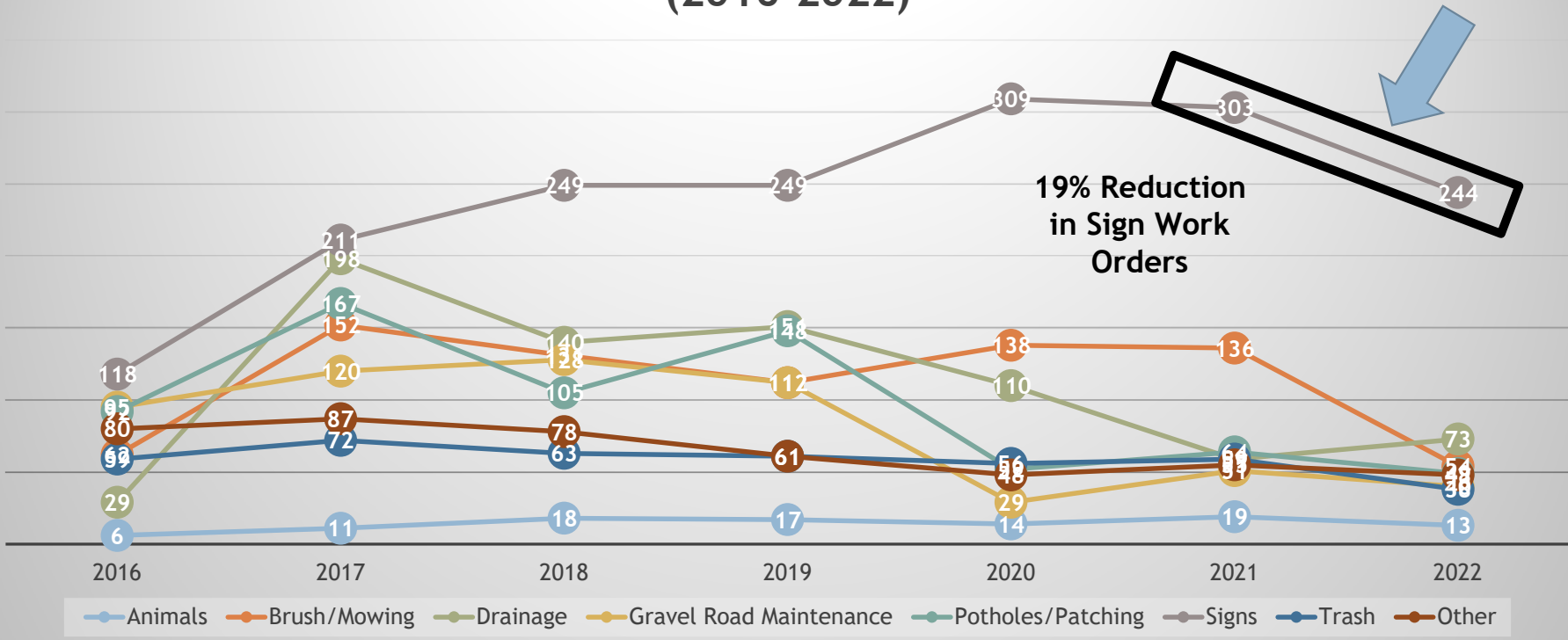
# Work Order Trends

Work Orders  
(2016-2022)



# Work Order Trends

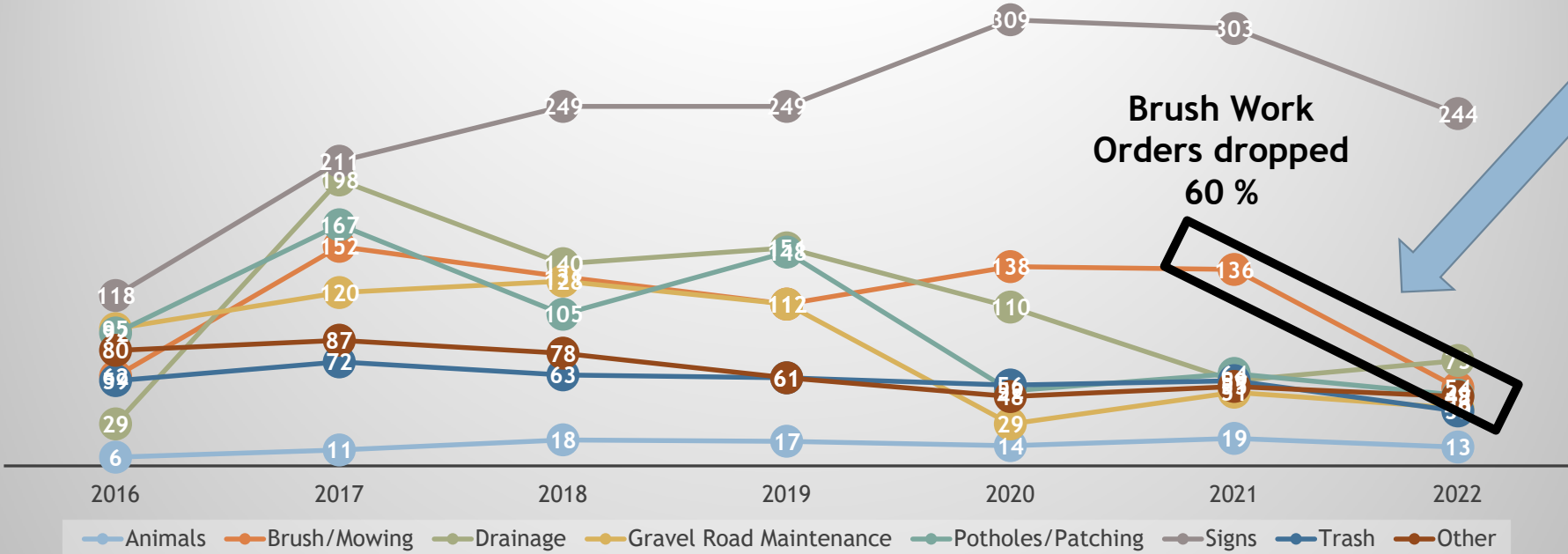
Work Orders  
(2016-2022)



# Work Order Trends

Work Orders  
(2016-2022)

Brush Work Orders dropped 60 %



# 2022 SAFETY REPORT CARD

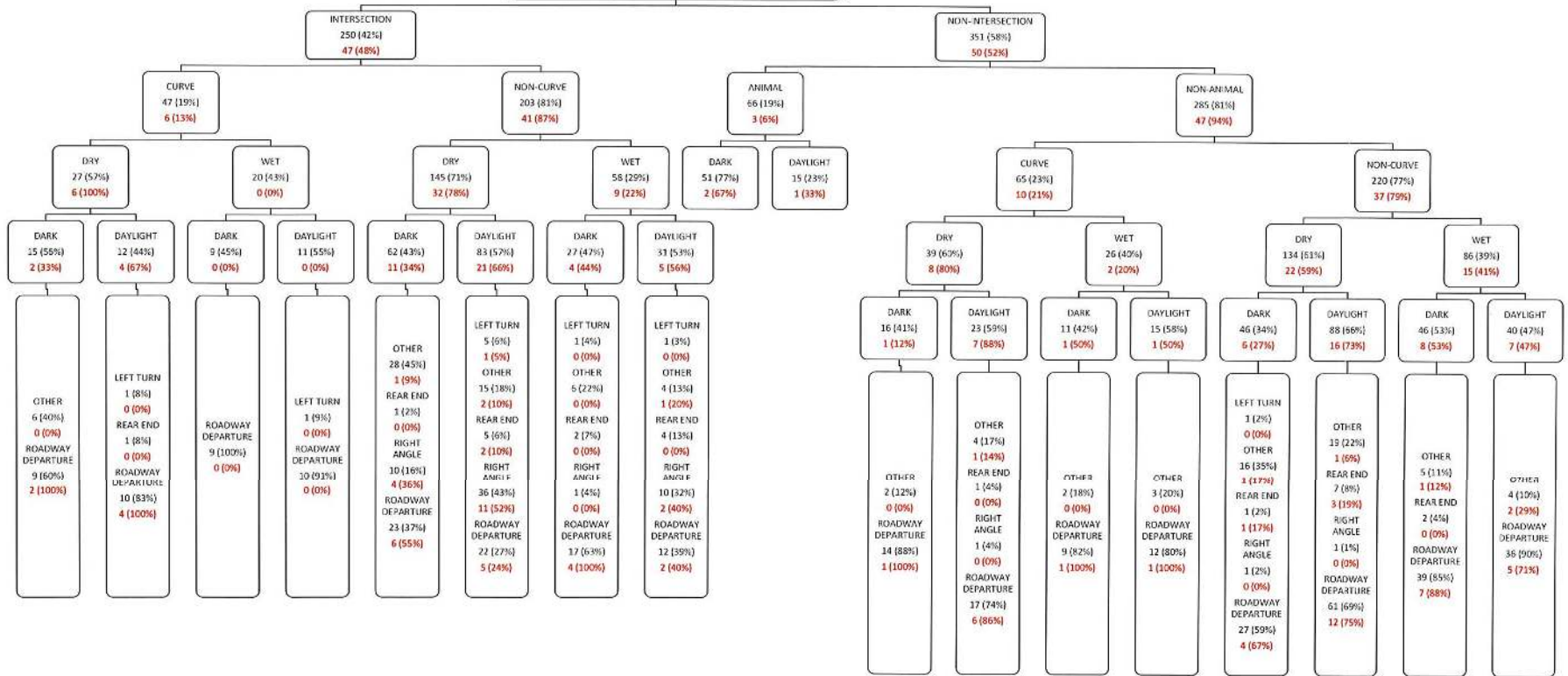
(HIGHWAY SYSTEM)

## Boone County

(2017 - 2021)

Total Crashes = 601

Fatal + Injured = 97



# 2022 SAFETY REPORT CARD

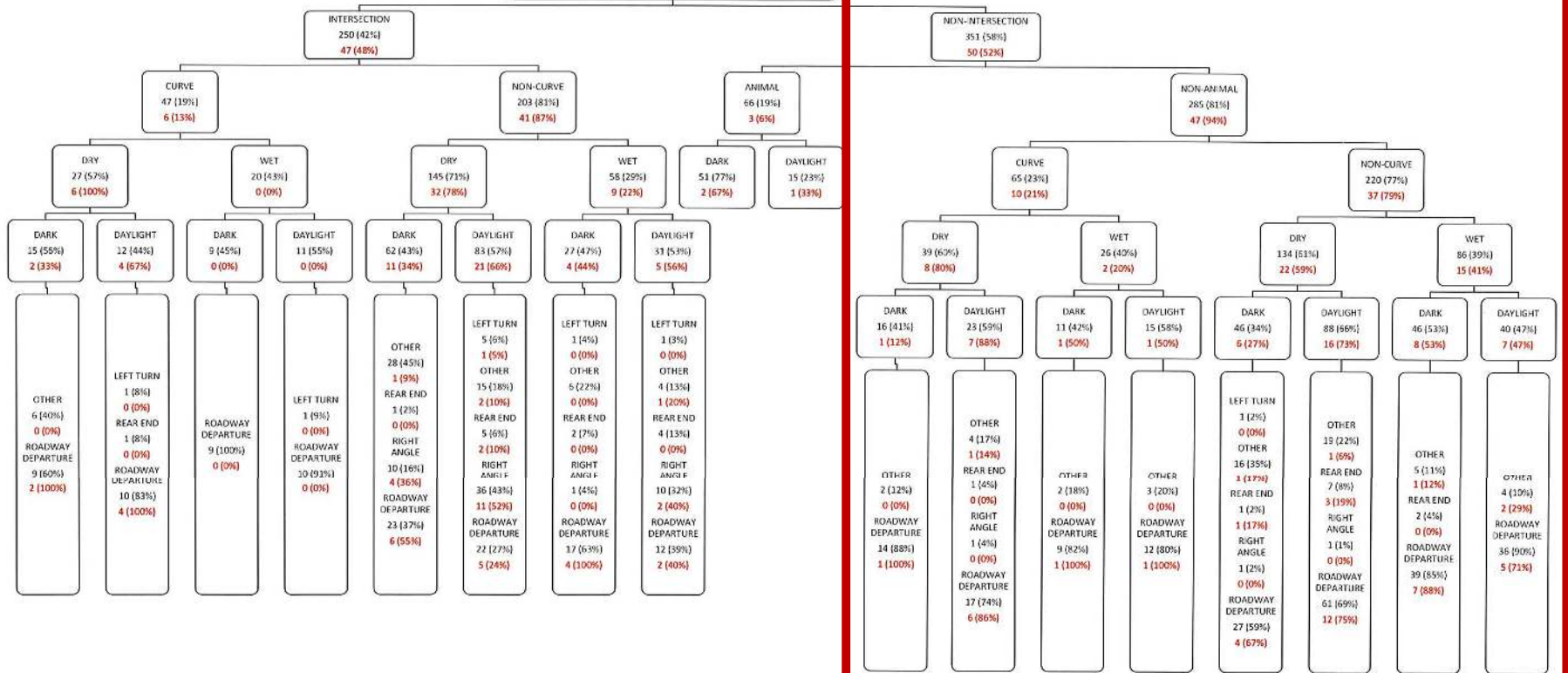
(HIGHWAY SYSTEM)

## Boone County

(2017 - 2021)

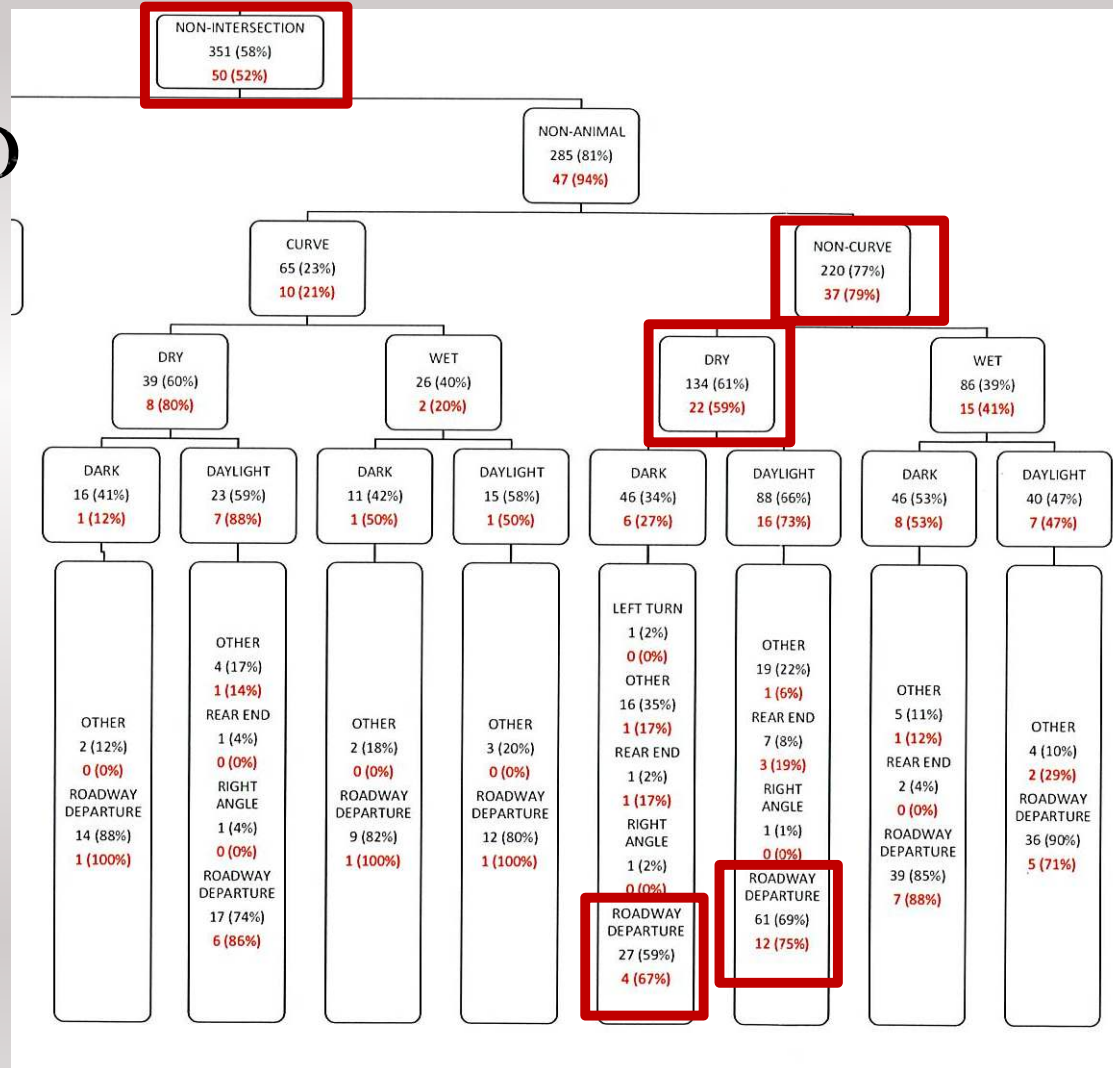
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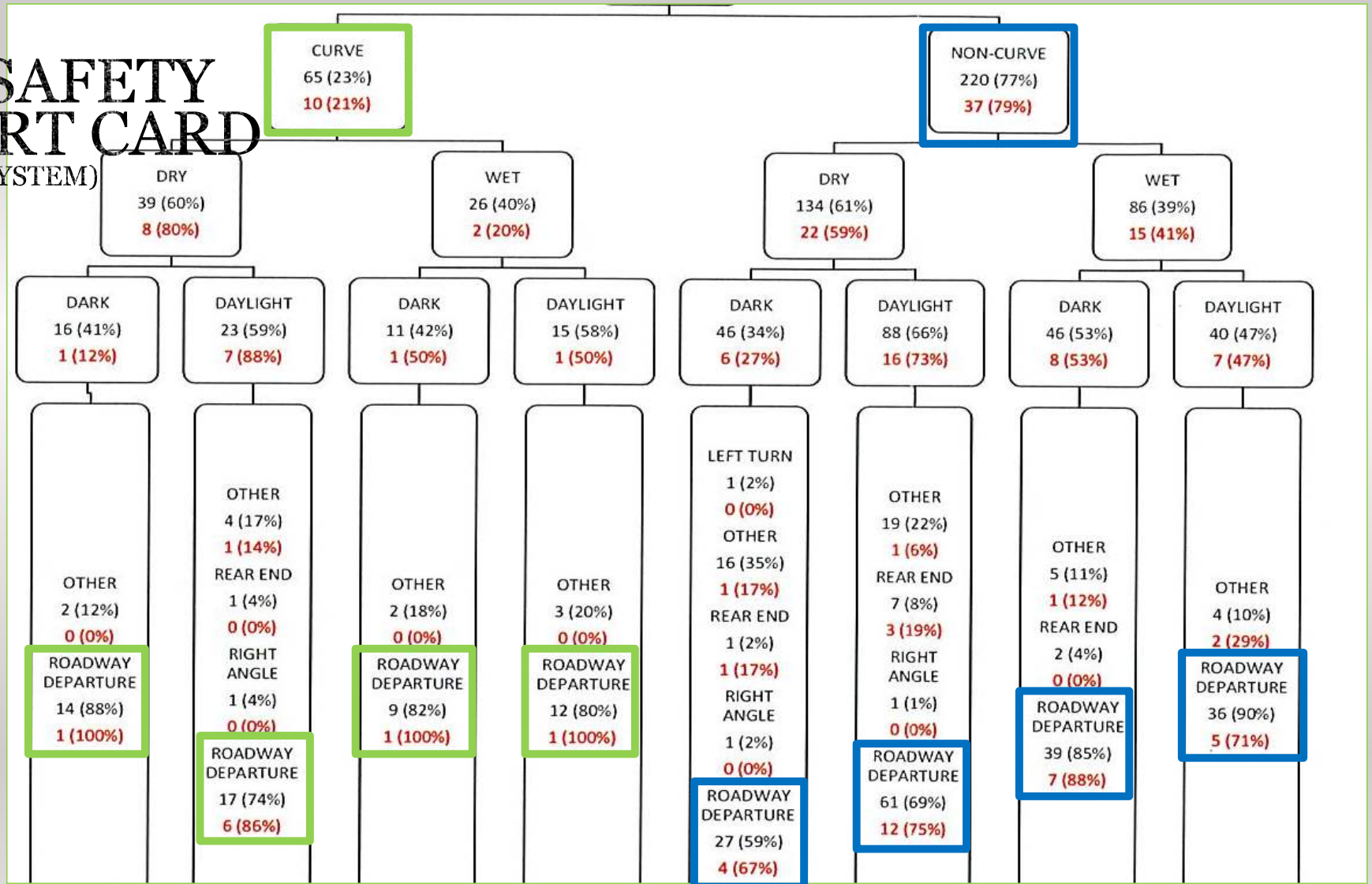
(HIGHWAY SYSTEM)





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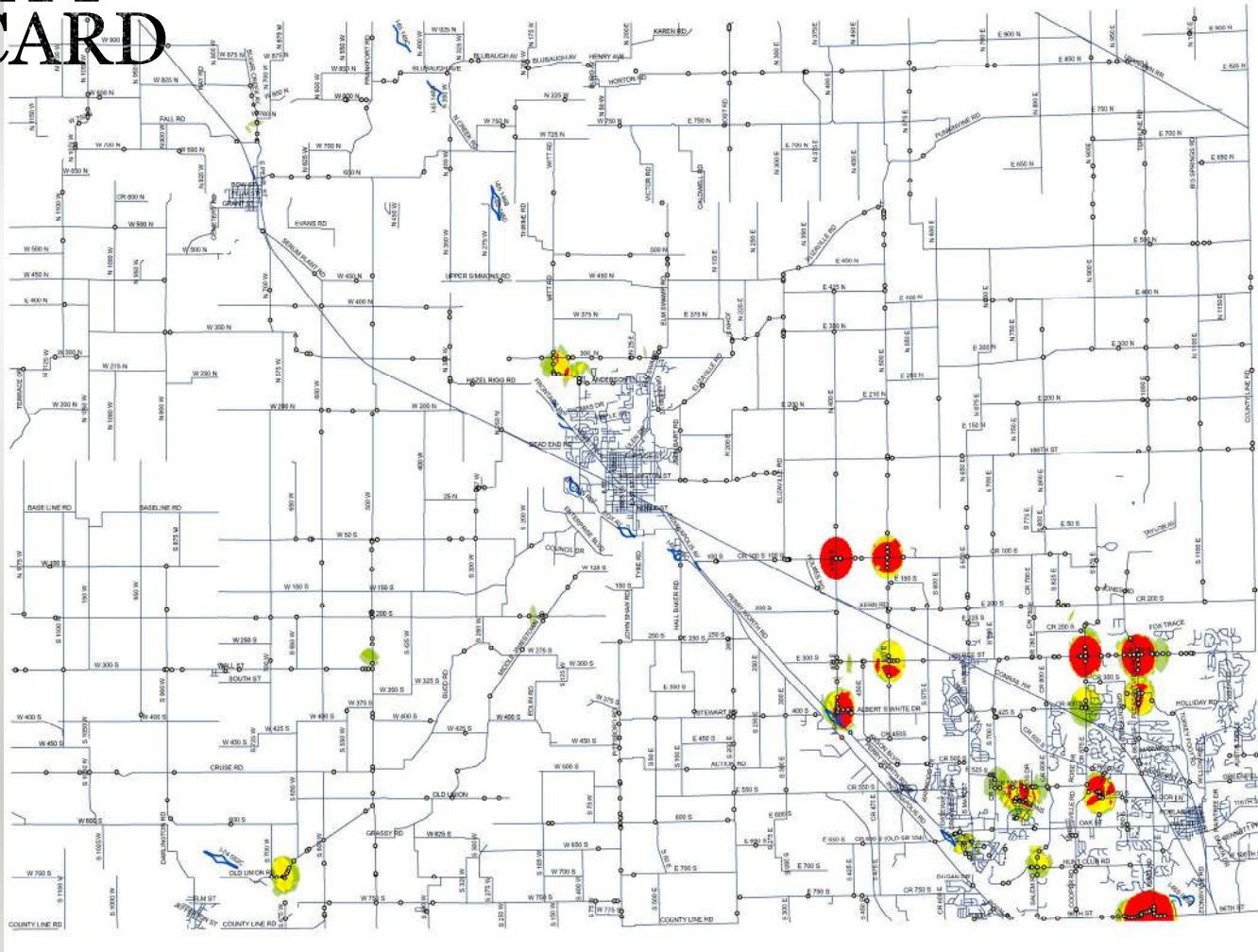
(HIGHWAY SYSTEM)



# 2022 SAFETY REPORT CARD

(HIGHWAY SYSTEM)

Boone County  
(2017 - 2021)



# 2022 SAFETY REPORT CARD

## (Highway System)

	2018		2019		2020		2021	
Total Crashes	229		145		183		153	
Fatal Crashes	1	0.4%	1	0.6%	2	1%	2	1%
Injury Crashes	22	9.6%	26	17.6%	35	19%	28	18%
Roadway Departure Crashes	86	37.6%	78	54%	64	35%	59	39%
Animal Crashes	25	10.9%	17	11.7%	32	17.5%	30	20%
Angle/ Turn Crashes	23	10.0%	14	9.7%	30	16.4%	21	14%
Rear-end Crashes	11	4.8%	11	7.6%	9	4.9%	5	3%
Dark Roadway Crashes	90	39.3%	47	32.4%	69	37.7%	65	42%
Wet Roadway Crashes	87	38.0%	21	14.5%	42	23%	37	24%
Horizontal Curve Crashes	36	15.7%	23	15.9%	30	16.4%	28	18%
Intersection Crashes	37	16.2%	20	13.8%	19	10.4%	22	14%
Gravel Roadway Crashes	15	6.6%	22	15.2%	13	7.1%	11	7%



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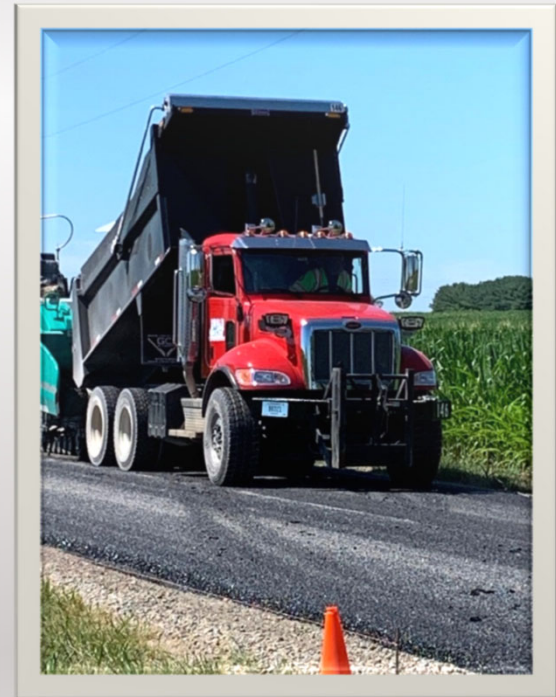
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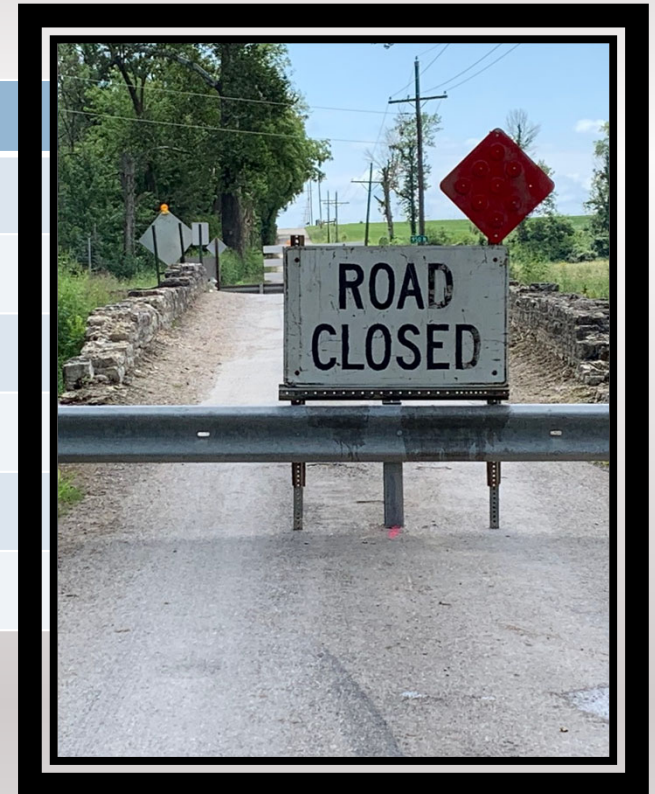
# 2023 Summer Road Program

Treatment	Length
Single Chip & Seal	7.5 miles
Micro-Cape Seal	10.45 miles
Conversion	2 miles
CMA Overlay	1.5 miles
Rejuvenator	23.75 miles



# 2023 Planned Contracted Work

Treatment	Length / Unit
Crack fill	30 miles
Hot Mix Asphalt Resurfacing	9 miles
Bridge 41 Replacement	1
Small Structure Replacements	2
Bridges 150 & 148 Replacement	2
Grassy Branch Bridges 151 & 152	2



# 2020 Bond- structure Projects

Bond #1	Type	Str. ID	Location	Status
	Culvert	WO002	<del>300 S between 780 E and 800 E</del>	<del>Construction Spring of 2021</del>
	Culvert	JE017	<del>900 W between 100 S and 200 S</del>	<del>Construction Spring of 2021</del>
	Culvert	MA030	<del>750 N between 1000 E and SR 38</del>	<del>Construction Summer/Fall of 2021</del>
	Culvert	CL030	<del>400 E between 750 N and 850 N</del>	<del>Construction Summer/Fall of 2021</del>
	Culvert	JE016	<del>200 S between 700 W and SR 75</del>	<del>Construction Fall of 2021</del>
	Culvert	MA033	<del>750 E between 275 N and 400 N</del>	<del>Construction Fall of 2021</del>

Bond #2	Type	Str. ID	Location	Status
	Culvert	JE020	<del>50 S between 700 W and SR 75</del>	<del>Construction Fall of 2021</del>
	Bridge	475	<del>CR 350S over Smith Ditch</del>	<del>Construction Summer/Fall of 2021</del>
Bridge	311	<del>Williams Street over Prairie Creek</del>	<del>Construction Summer of 2021</del>	

Bond #3	Type	Str. ID	Location	Status
	Bridge	474	<del>CR 125E over Smith Ditch</del>	<del>Construction Summer/Fall of 2021</del>
Bridge	217	<del>Templin Road over Little Eagle Creek</del>	<del>Construction Spring/Summer of 2022</del>	

**All 2020 Bond Projects have been Constructed**





# 2020 Bond- structure Projects

## Bridge #217

- Templin Road West of US 421



**All 2020 Bond Projects have been Constructed**



# 2020 Bond- road conversion Projects

Road	From	To
<del>CR 1100 E</del>	<del>CR 100 N</del>	<del>CR 200 N</del>
<del>CR 300 W</del>	<del>CR 50 S</del>	<del>CR 200 S</del>
<del>CR 900 W</del>	<del>CR 200 S</del>	<del>CR 300 S</del>
<del>CR 700 W</del>	<del>SR 32</del>	<del>CR 200 S</del>
<del>CR 700 E</del>	<del>SR 32</del>	<del>CR 200 S</del>

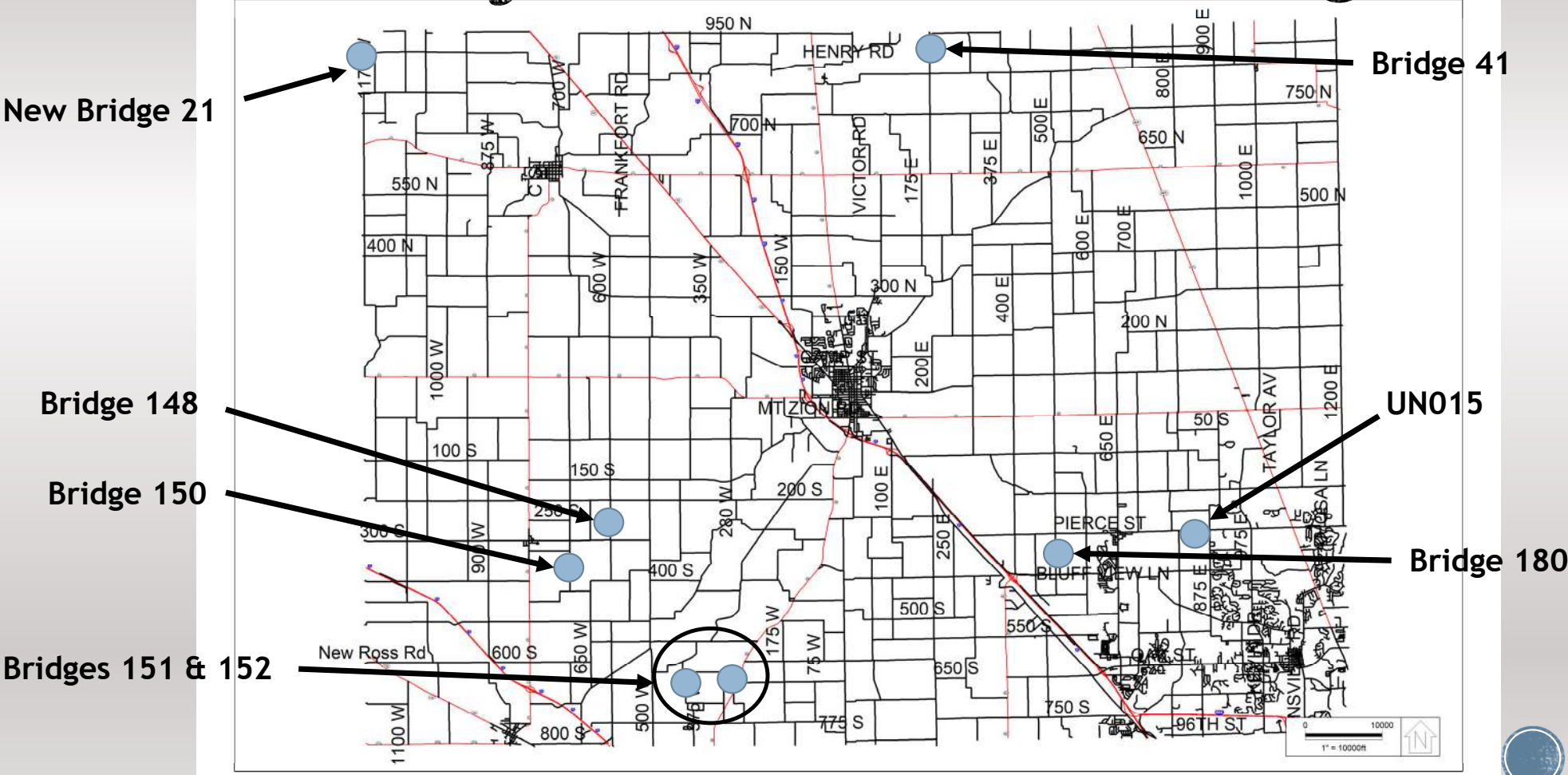
All 2020 Bond Conversion Projects have been Completed



# 2020 Bond- road conversion Projects



# Structure Projects Planned for 2023



Our Mission:

*Eliminate fatal and serious injuries resulting from traffic crashes, making decisions based on their ability to reach zero deaths on Boone County's transportation system.*



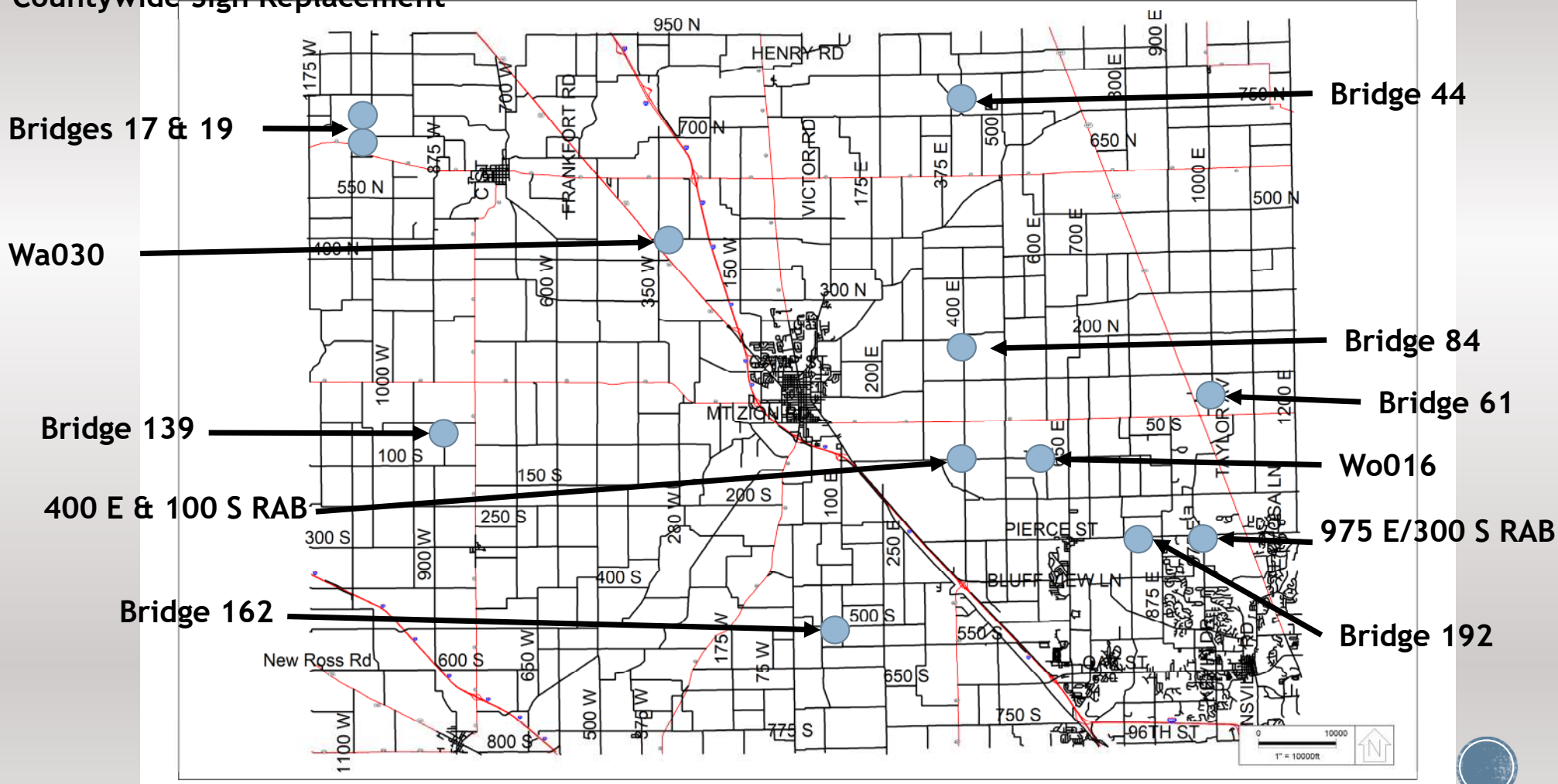
Put Simply:

*Get Home Safe*

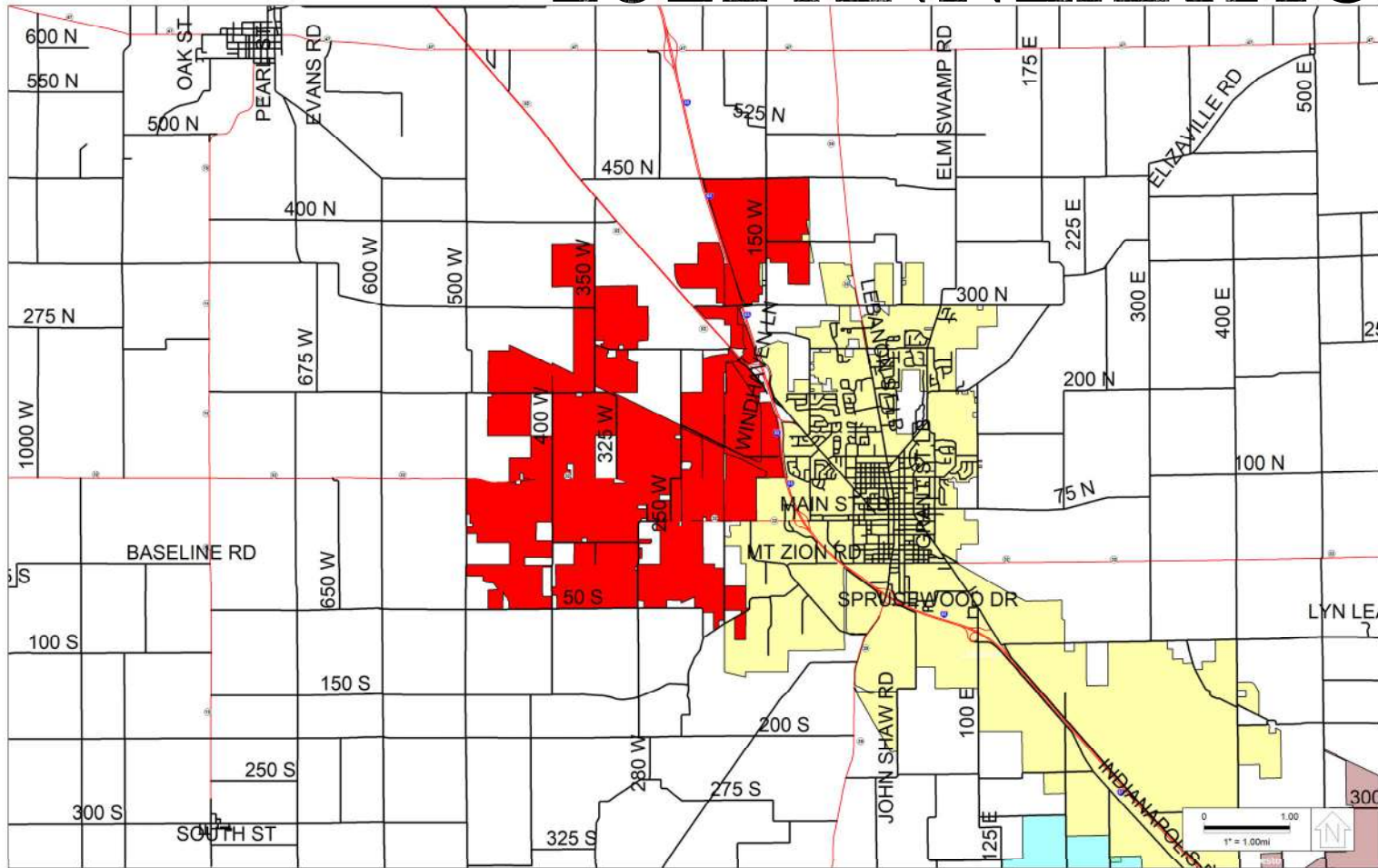


- \*Countywide Pavement Markings
- \*Countywide Sign Replacement

# PROJECTS IN DEVELOPMENT



# 2022 ANNEXATION





Questions?

