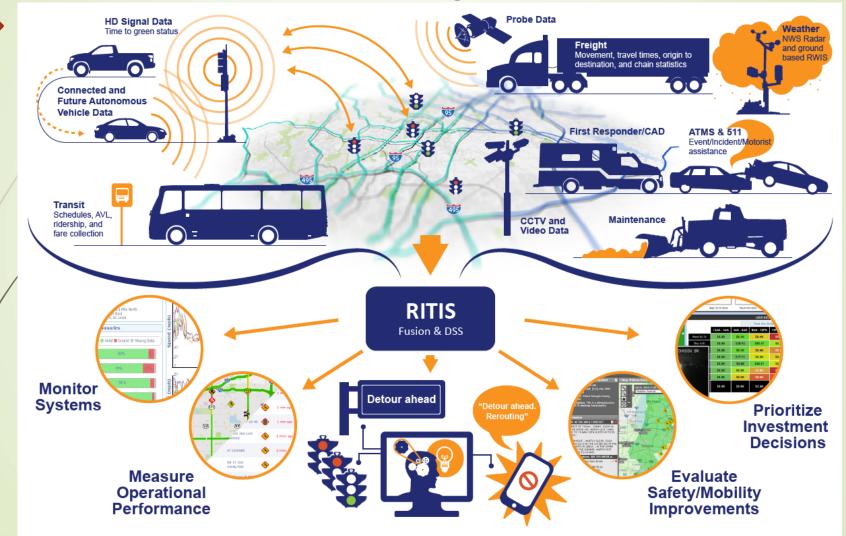
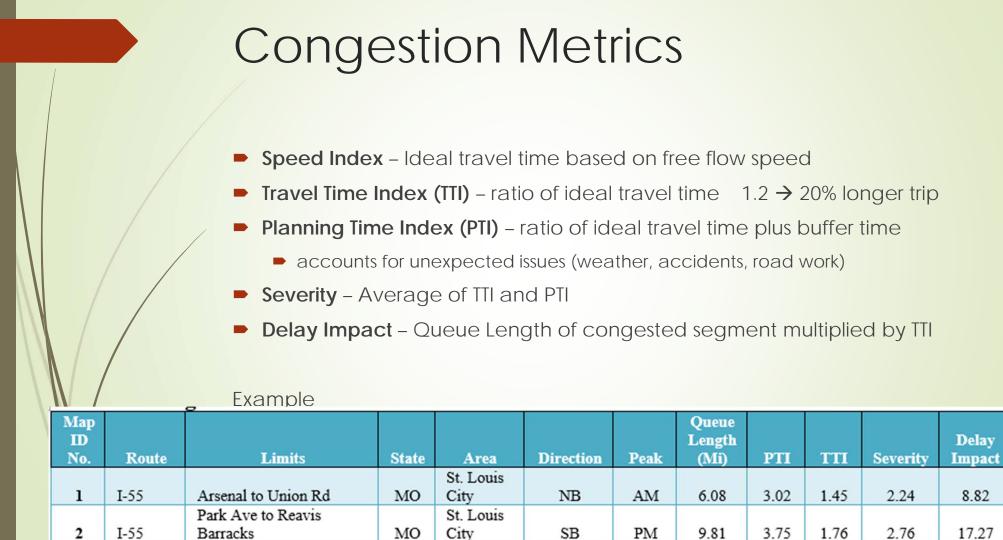


### Background

- A Congestion Management Process (CMP) is required in large metropolitan areas.
- This report identifies and measures regional congestion.
- Goals:
  - Identify regional congestion.
  - Present implemented congestion management strategies.
  - Engage partners in determining solutions.

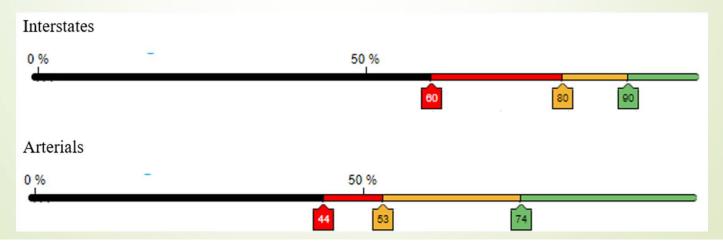
#### National Performance Management Research Data Set





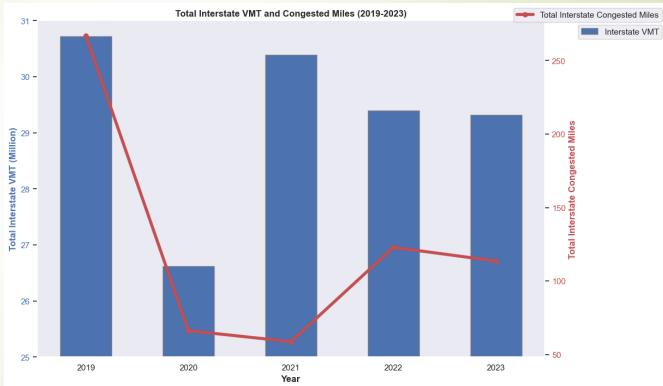
# Selecting Congested Locations

- Examined National Highway System Roads
- Used HERE congestion scans and speed index from 2023
- Analyzed every weekday during the peak times
  - 6-9 AM
  - 3-6 PM
- These Speed Index thresholds used to identify congested locations



### 2023 Interstate Analysis





#### Fewer but more severe locations

### Major Impacts: Work Zones 2023

- I-55 Bridge Rehab both directions (I-55/I-44 Split to Bayless Avenue)
  Rehab of 14 bridges. Regular lane shifts and ramp closures. 2 lanes taken in both directions.
- I-44 EB Bridge Rehab (Lewis Rd near Eureka)

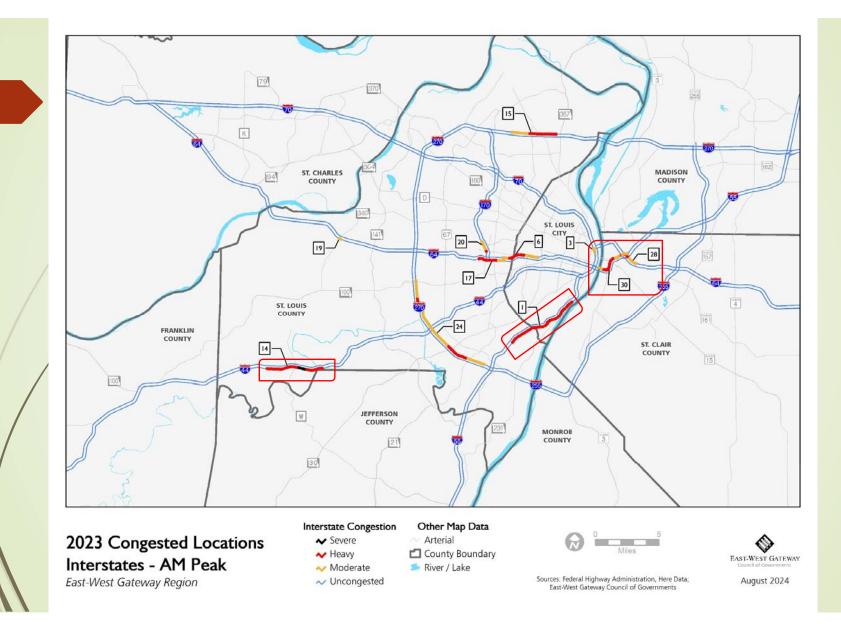
One lane taken, 3.26-mile average bottleneck.

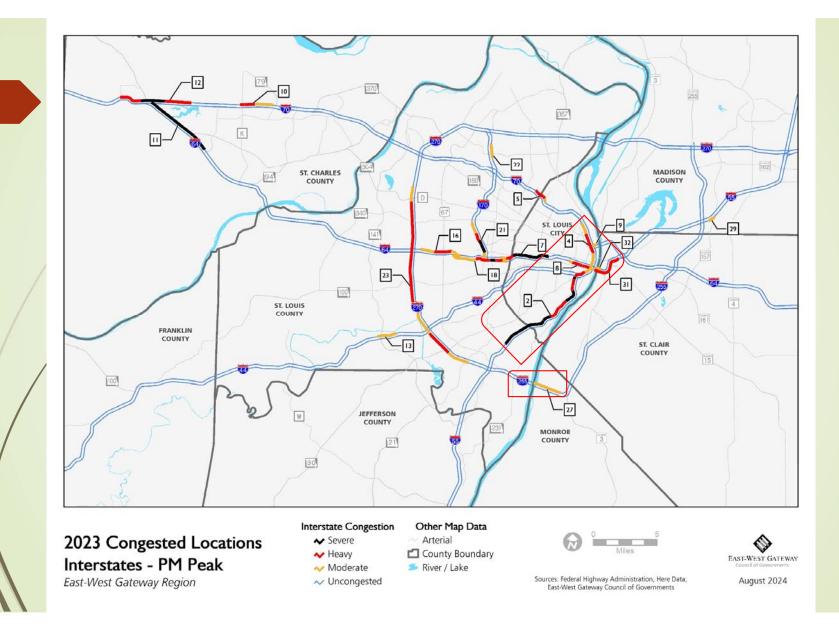
I-55/I-64 Bridge Rehab (Poplar St Bridge / East St. Louis)

Repair and Painting. Regular lane shifts and closures. 2.11-mile average bottleneck.

I-255 Jefferson Barracks Bridge (Into and out of Missouri)

Full closure of WB bridge, traffic shifted to east side, narrowed lanes



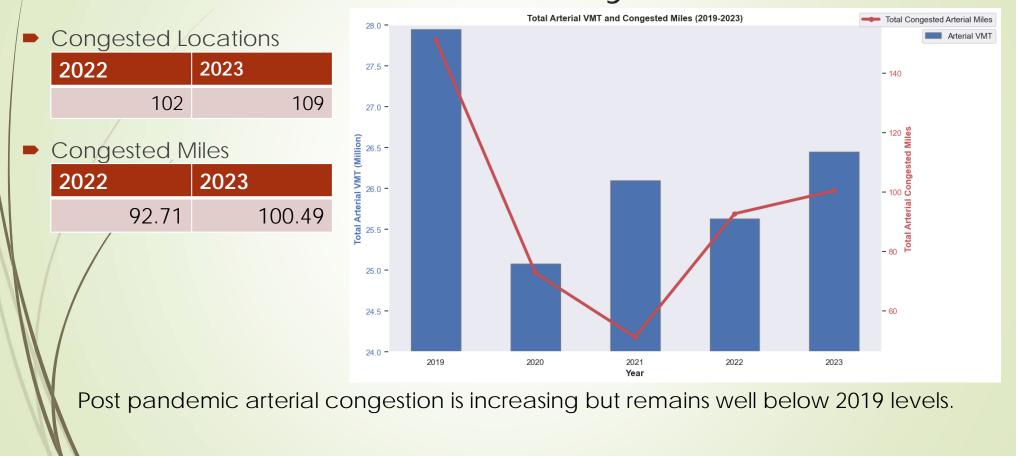


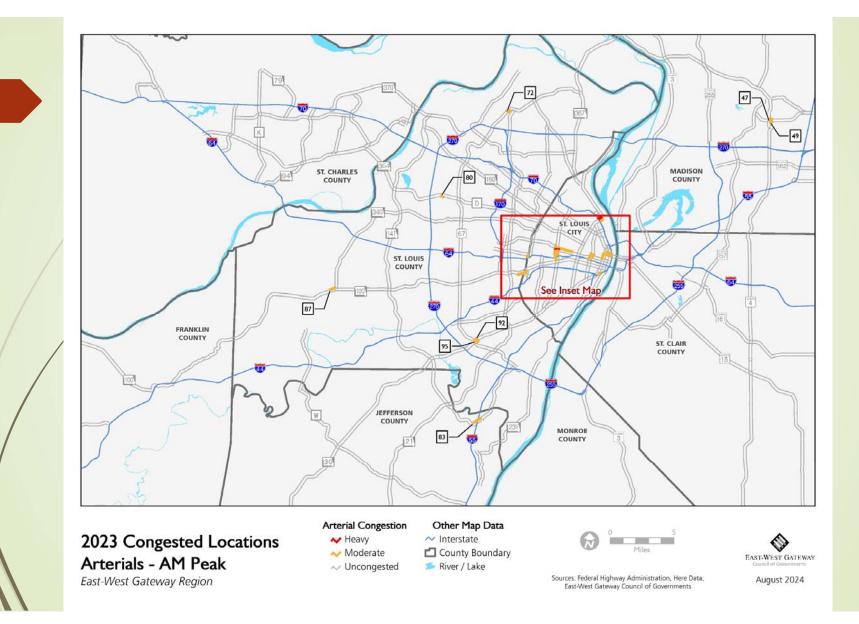
### **Recurring** Congestion

- I-64 and I-70 St. Charles PM
- I-270 NB AM and SB PM
- I-64 and I-170 AM and PM
  EB and WB, STL city and county



### 2023 Arterial Analysis





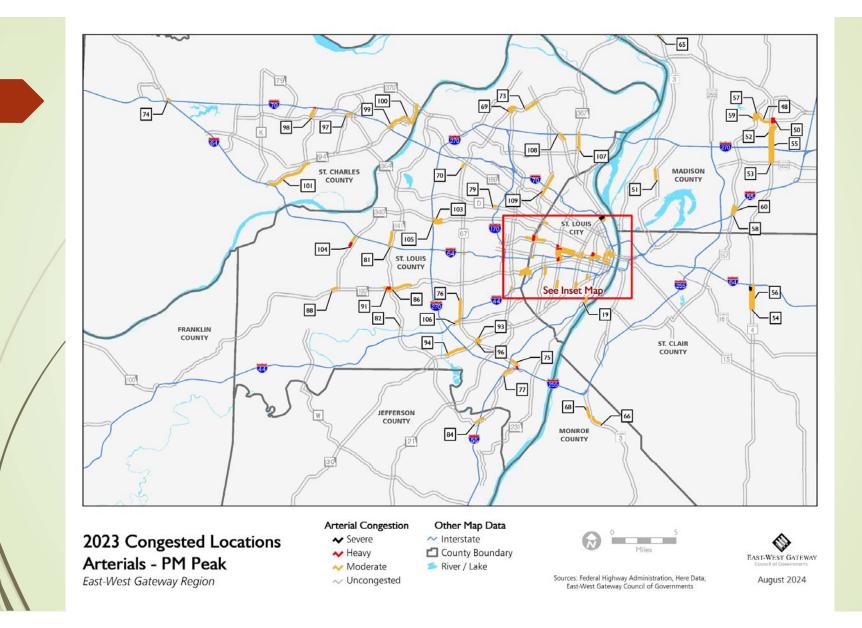


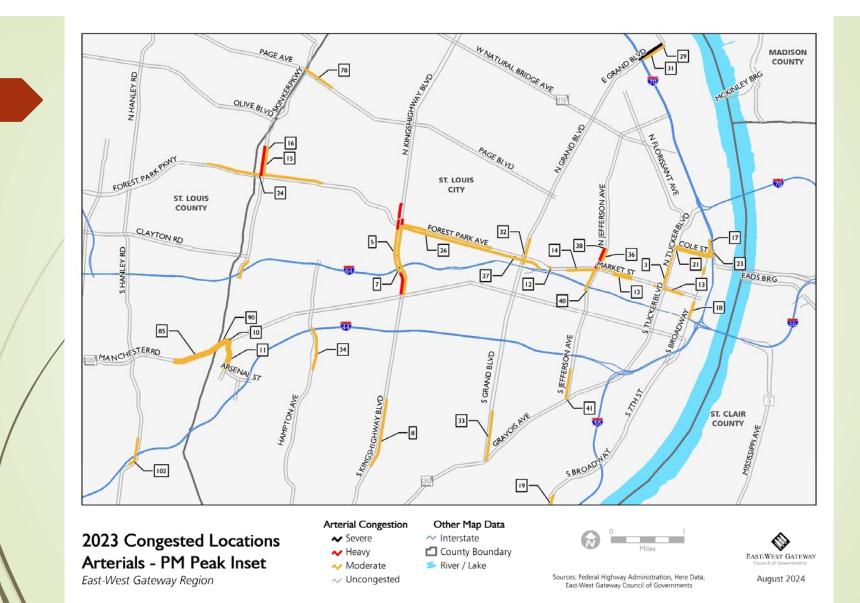
August 2024

East-West Gateway Region

~ Uncongested

Sources: Federal Highway Administration, Here Data; East-West Gateway Council of Governments

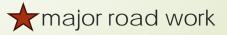




#### 10 Most Severe Locations 2023

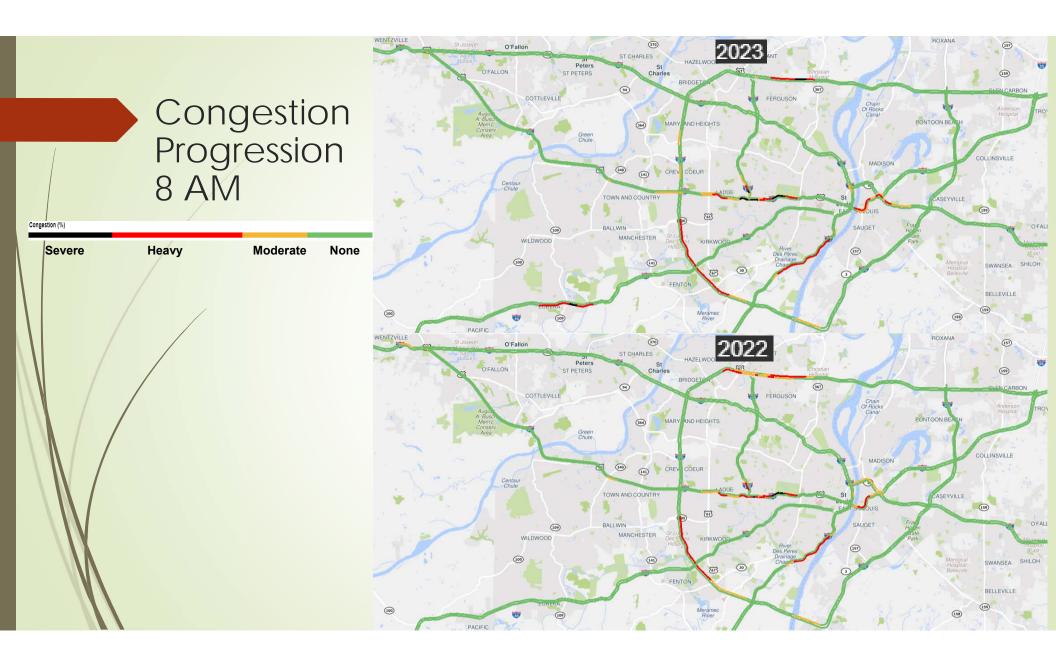
	Rank	Route	Limits	State	Area	Direction	Peak	Severity	
	1	I-64	MO-N to I-70	MO	St. Charles	WB	PM	2.95	
	2	I-55	Park Ave to Reavis Barracks	МО	St. Louis City	SB	PM	2.76	$\bigstar$
	3	I-64	S Kingshighway to Big Bend Blvd	МО	St. Louis City	WB	PM	2.60	
/	4	I-44	Lewis Rd to MO-109	МО	St. Louis County	EB	AM	2.51	$\star$
	5	I-270	Old Halls Ferry Rd to N Elizabeth Ave		St. Louis County	WB	AM	2.39	
	6	 I-55	Arsenal to Union Rd		St. Louis City	NB	AM	2.24	$\star$
	7	I-170	Delmar Blvd to I-64		St. Louis County	SB	PM	2.10	
	8	I-70	MO-A to Pearce Blvd		St. Charles	WB	PM	2.06	
	9	I-64	Big Bend Blvd to I-170		St. Louis County	EB	AM	2.04	
	10	I-64	Hampton Ave to Big Bend Blvd		St. Louis City	WB	AM	2.04	

Red  $\rightarrow$  also in the 2022 top 10



### 10 Most Delayed Locations 2023

	Rank	Route	Limits	State	County	Direction	Peak	Queue Length (Mi)	Delay Impact	
	1	I-270	Page Ave to Tesson Ferry	МО	St. Louis County	SB	PM	15.75	21.26	
	2	I-55	Park Ave to Reavis Barracks	МО	St. Louis City	SB	PM	9.81	17.27	$\star$
	3	I-270	Tesson Ferry to Manchester Rd	МО	St. Louis County	NB	AM	9.58	11.88	
	4	I-64	MO-N to I-70	МО	St. Charles	WB	PM	5.59	10.34	
	5	I-55	Arsenal to Union Rd	МО	St. Louis City	NB	AM	6.08	8.82	$\star$
	6	I-70	MO-A to Pearce Blvd	МО	St. Charles	WB	PM	5.69	8.36	
	7	I-55	MO-Z to McNutt St	МО	Jefferson	SB	PM	6.46	7.62	
	8	I-64	S Kingshighway to Big Bend Blvd	МО	St. Louis City	WB	PM	3.93	7.47	
	9	I-44	Lewis Rd to MO-109	МО	St. Louis County	EB	AM	4.64	6.77	$\star$
	10	I-64	Bellevue Ave to 40 Dr	МО	St. Louis County	EB	PM	4.34	5.99	
Red $\rightarrow$ also in 2022 top 10 $\bigstar$ major road work										





## Key Takeaways

- VMT and congestion remain much lower than 2019 prepandemic levels as the public has adapted with remote work, school, and online shopping.
- In 2023, interstates had fewer but more severe and longer delays.
- Arterials experienced more congestion in 2023.

## Report available

https://www.ewgateway.org/transportation-planning/transportationsystems-management-operations/congestion-management-process/

Thanks for your ideas and strategies to reduce congestion in our region.



Any questions? cmp@ewgateway.org