

# Grand Blvd Restriping

*Public meeting*

*January 27, 2026*

# Purpose of Tonight's Meeting

- Discuss restriping options
- Answer questions
- Collect hand-written comments
- Or email to [transportationcommission@spokanecity.org](mailto:transportationcommission@spokanecity.org)

Restripe action will be on the agenda for Transportation Commission at City Hall (or Teams) on Feb 18<sup>th</sup> from 4pm-6pm



# Background & Scope

- Repaving project on Grand Blvd scheduled for 2027
- No change to curb lines
- Opportunity to address community concerns with safety along Grand and particularly around Manito Park
- Restripe discussed in 2024 Citywide Traffic Calming report.



# Striping Options

- Existing: Grand Blvd is 4 lanes (two 10 ft lanes in each direction) with no center turn lane
- Option 1: Restripe Grand as 3 lanes (one 11 ft lane in each direction and one 12 ft center turn lane, non-bikeable shoulder for snow) *no bike lanes*
- Option 2: Restripe Grand as 4 lanes (one 10 ft lane northbound [downhill], two 10 ft lanes southbound [uphill], and one 10 ft center turn lane) *no bike lanes*



Option 1: One uphill lane, one downhill lane, center turn lane, non-bikeable shoulder for snow



Option 2: Two uphill lanes, one downhill lane, center turn lane



# Volumes and grade

- Daily traffic = 14,000 – 15,000 veh/day;
- PM Peak Hour = 4:00-5:00 PM
- 12% trucks (includes buses, UPS box trucks)
- Posted Speed = 30 mph, except:
  - 20 mph park zone from 16<sup>th</sup> to 21<sup>st</sup> Ave
  - 20 mph school zone from 13<sup>th</sup> to 16<sup>th</sup> Ave
- Average slope = 2.3%, Max slope = 5.8%





13 ft 4 in (approx.)



35 ft 10 in (approx.)



## Typical Large Vehicle Classification for Grand Blvd

<b>Class 1</b> Motorcycles		<b>Class 7</b> Four or more axle, single unit	
<b>Class 2</b> Passenger cars		<b>Class 8</b> Four or less axle, single trailer	
<b>Class 3</b> Four tire, single unit		<b>Class 9</b> 5-Axle tractor semitrailer	
<b>Class 4</b> Buses		<b>Class 10</b> Six or more axle, single trailer	
<b>Class 5</b> Two axle, six tire, single unit		<b>Class 11</b> Five or less axle, multi trailer	
<b>Class 6</b> Three axle, single unit		<b>Class 12</b> Six axle, multi-trailer	
		<b>Class 13</b> Seven or more axle, multi-trailer	

Source: Federal Highway Administration

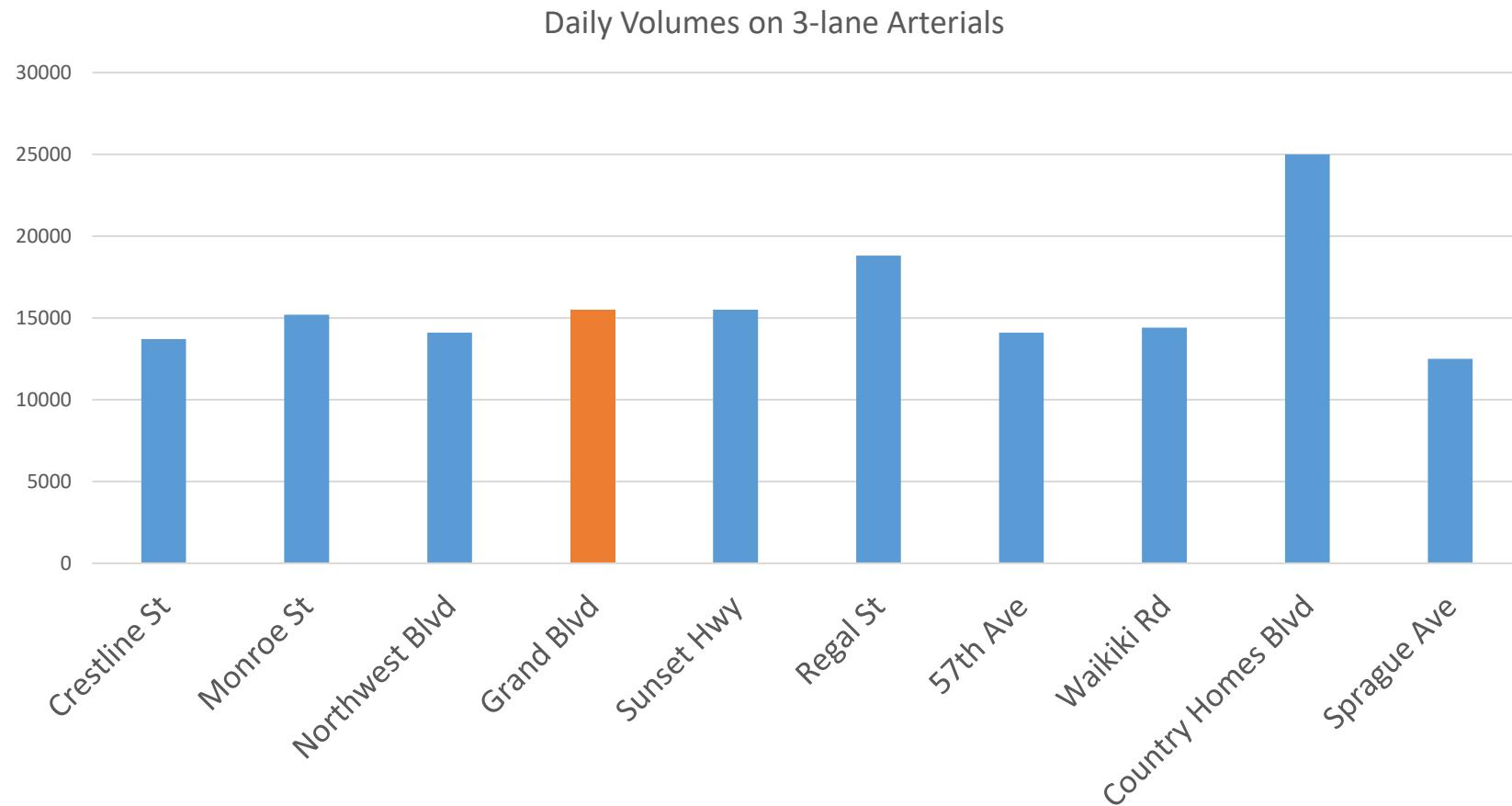
# Speed Data

- 85<sup>th</sup> Percentile Speed  
(85% of drivers are at or below this speed)

Location	Speed Limit	85 <sup>th</sup> percentile speed
16 <sup>th</sup> Ave	30 mph or 20 when flashing	35 mph
20 <sup>th</sup> Ave	20 mph	29 mph
26 <sup>th</sup> Ave	30 mph	37 mph



# Volume Comparison to Grand Blvd.



# Primer on “TWLTL”s

- TWLTL = **Two-Way Left Turn Lane**, or simply “center turn lane”
- Easier access to homes, schools, businesses, parks, etc
- Improves walkability with fewer lanes for pedestrians to cross
- Can improve emergency response times emergency vehicles can use TWLTL for faster response



4-lane road (2 lanes per direction) without “TWLTL”



3-lane road (1 lane per direction) with “TWLTL”



Source: Iowa DOT

<https://iowadot.gov/modes-travel/roads-highways/highway-safety-features/4-3-lane-conversion>

# 4-lane to 3-lane w/ TWLTL conversion example



Crestline St @ Gordon Ave  
Before: 4 lanes, no TWLTL



Crestline St @ Gordon Ave  
After: 3 lanes, w/ TWLTL

# Examples of TWLTL Refuge Islands



Northwest Blvd @ Milton St

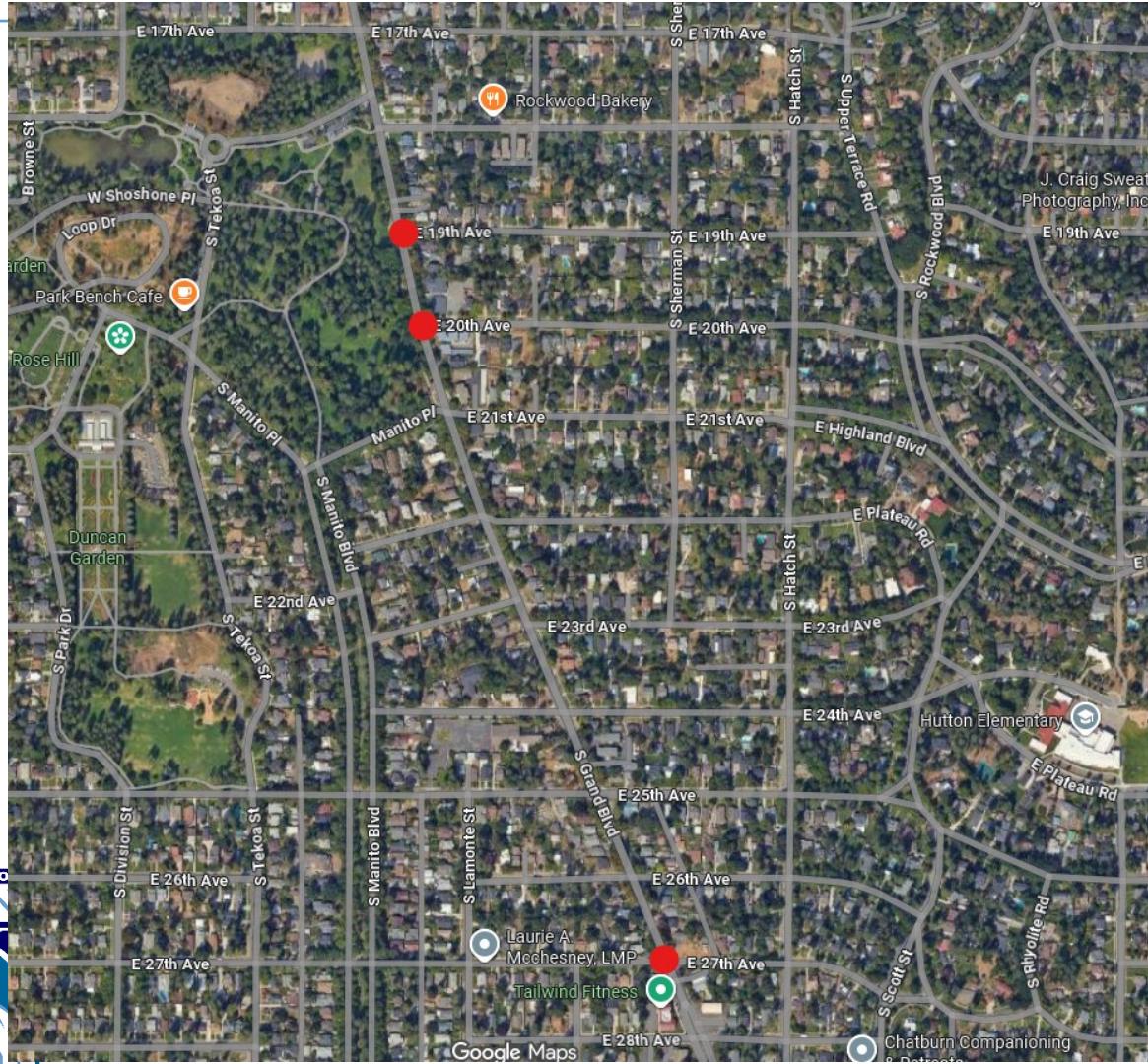


Sprague Ave @ Lee St

Includes an “RRFB” (Rectangular Rapid Flashing Beacon) that activates yellow flashers to alert drivers that a pedestrian is going to cross

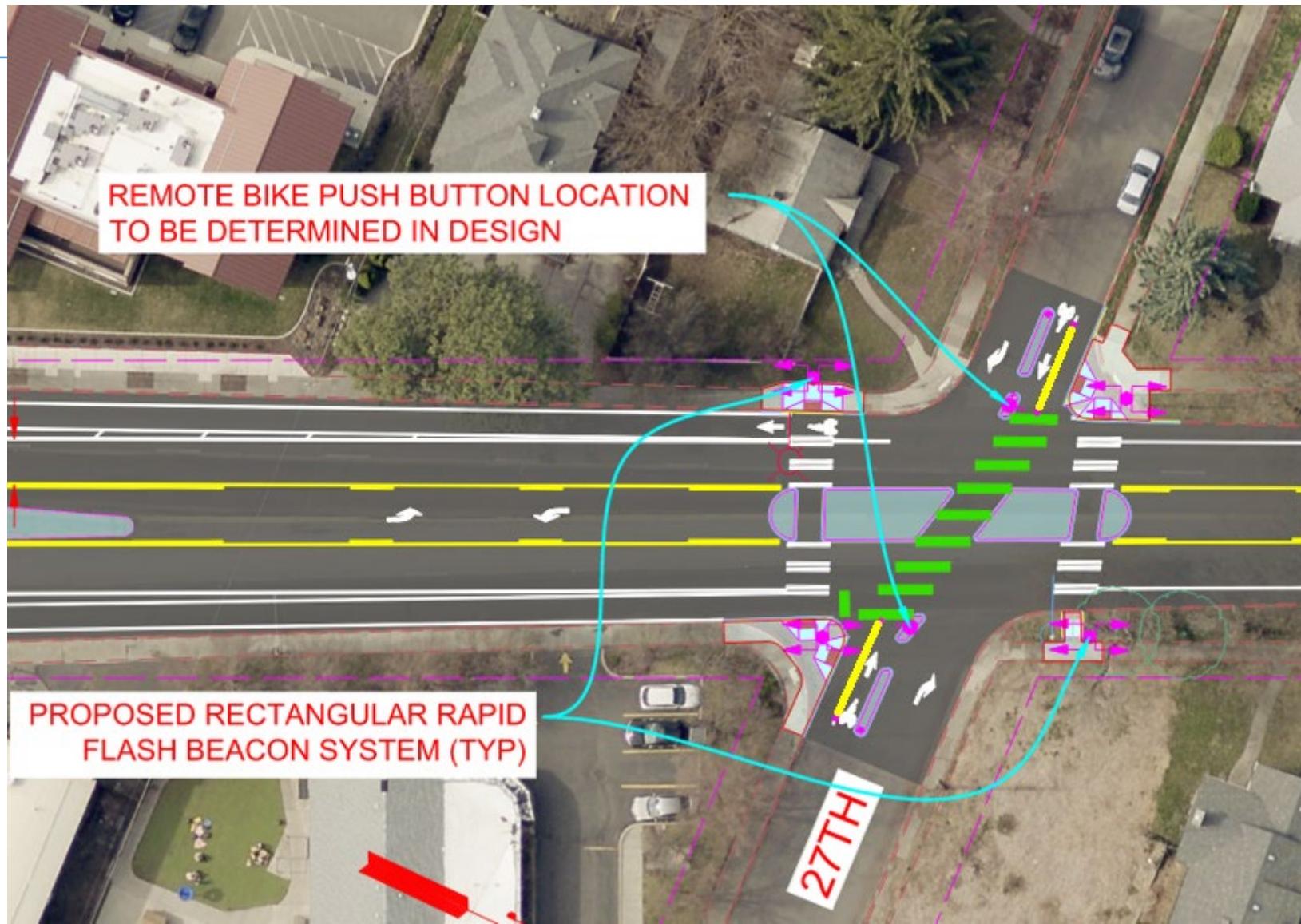


# Likely locations of Refuge Islands



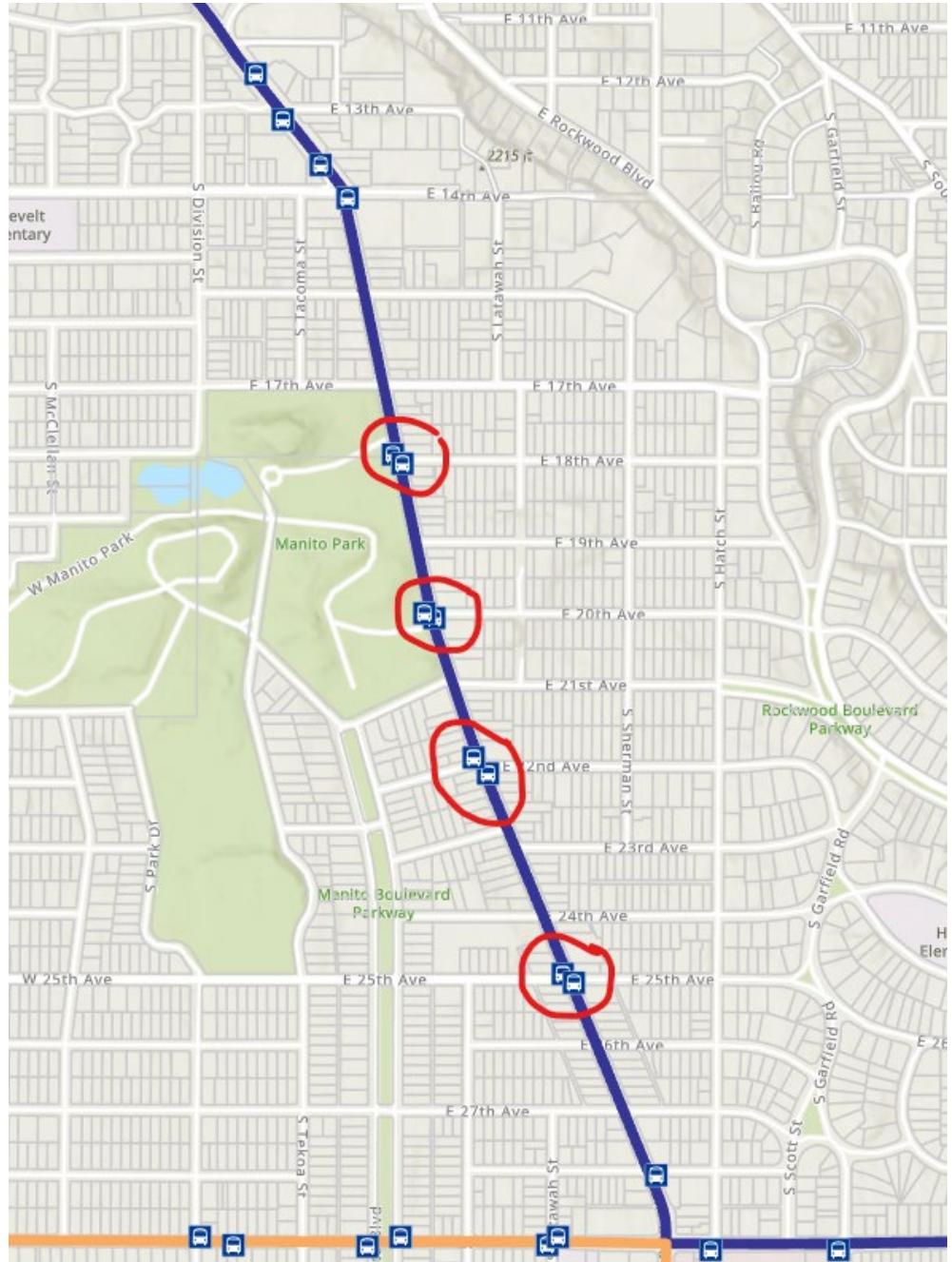
- 19<sup>th</sup> Ave
- 20<sup>th</sup> Ave
- 21<sup>st</sup> - Manito
- 27<sup>th</sup> Ave
- Adding a TWLTL allows for placement of “refuge islands” that provide better separation of pedestrians from motor vehicle traffic

# Refuge island example @ 27<sup>th</sup> Ave



# STA Route Details

- STA Route 4
- 15-min frequency
- 3-lane, both directions would be stopped during STA bus loading and unloading
- 4-lane, the downhill direction would be stopped during STA bus loading and unloading



# Corridor Travel Times

PM Peak Hour (4:00 – 5:00 PM) corridor travel times between 14<sup>th</sup> and 29<sup>th</sup> Ave

Configuration	NB (s) – downhill	SB (s) - uphill
Existing (two NB, two SB)	144.5	156.7
Option 1 (one NB, one SB)	174.5 <b>increase of 30 sec</b>	214.4 <b>increase of 58 sec</b>
Option 2 (one NB, two SB)	174.7 <b>increase of 30 sec</b>	156.5 <b>no change</b>

These travel times include delays caused by buses stopped in the travel lane.

# Crash History

Date	Time	Sunrise	Sunset	Correctable w/ 3-lane	Correctable w/ 4-lane
2021-04-06	19:54	06:17	19:27	Yes	Yes
2021-04-12	12:39	06:05	19:35	Yes	Yes
2021-05-02	04:01	05:30	20:03	Yes	No
2021-06-24	08:43	04:52	20:51	Yes	No
2021-07-12	20:38	05:04	20:45	Yes	Yes
2021-10-29	12:20	07:29	17:36	Yes	Yes
2021-12-15	18:27	07:31	15:58	Yes	Yes
2023-08-02	17:20	05:28	20:22	Yes	Yes
2024-01-03	16:40	07:38	16:10	Yes	Yes
2024-05-31	09:36	04:56	20:39	Yes	Yes

- Out of 42 **reported** crashes from 2020 through 2024:
  - 10 are correctable with the 3-lane option (24% crash reduction, based on reported crashes)
  - 8 are correctable with either the 3- or 4-lane option (19% crash reduction, based on reported crashes)

# Examples of Correctable Crashes

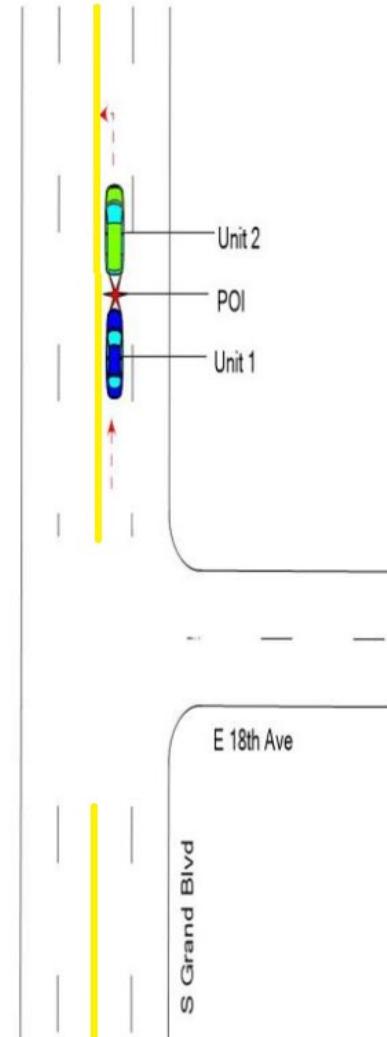
2021-07-12 at 20:38

**Rear end collision**

Correctable with both configurations since center turn lane would allow for traffic turning off Grand Blvd to get out of the travel lanes



Not to scale



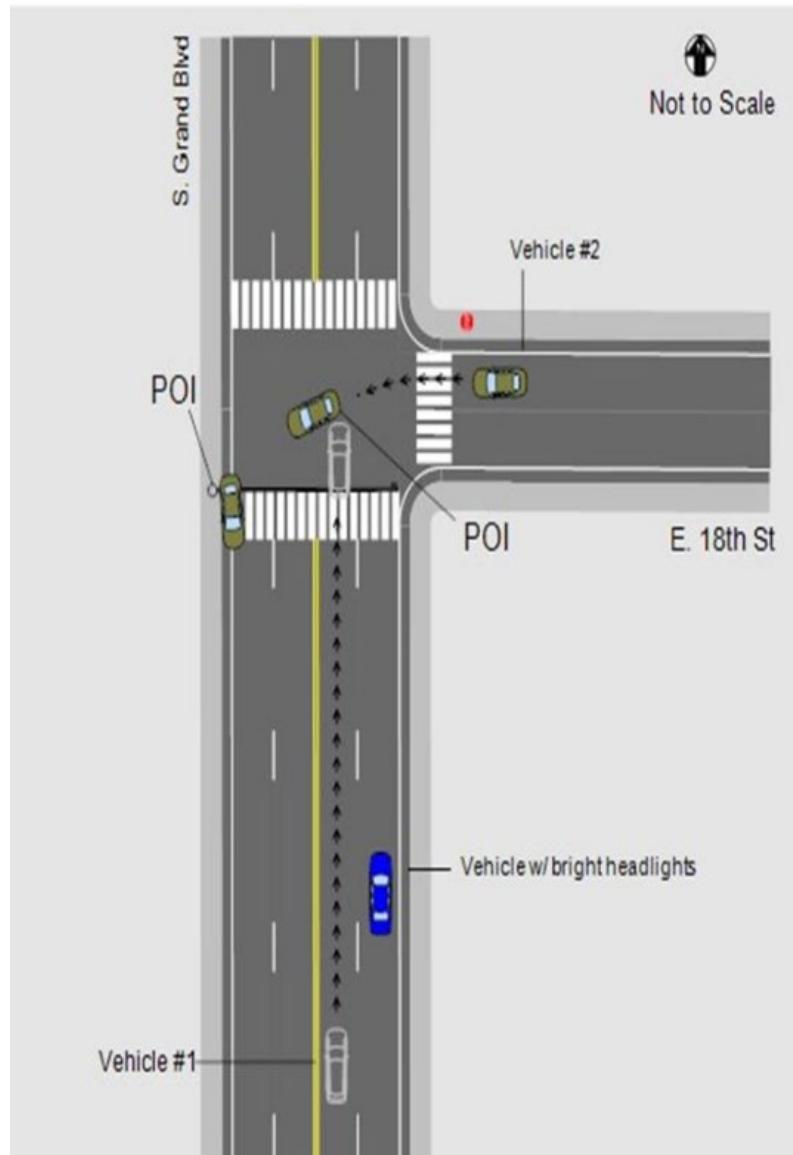
# Examples of Correctable Crashes

2024-01-03 at 16:40

## Angle collision

Correctable with both configurations since we would be removing a northbound travel lane from both options

Not all types of angle collisions are correctable with the restriping, but this is an example of one that would be correctable



# Examples of Correctable Crashes

2021-06-24 at 08:43

## Sideswipe-Same Direction

Correctable with 3-lane but not the 4-lane configuration since only the 3-lane configuration would eliminate one of the southbound lanes.

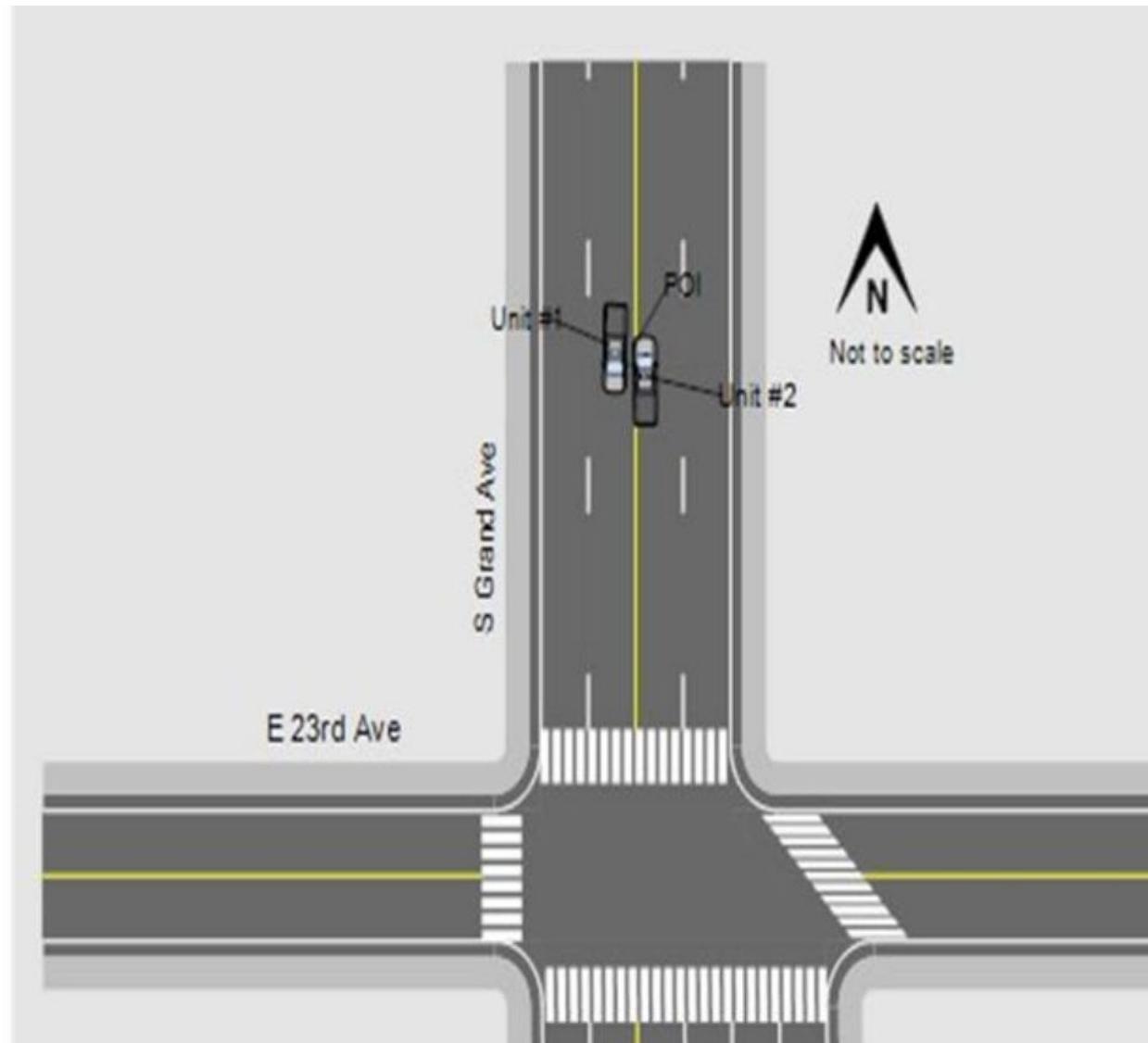


# Examples of Correctable Crashes

2024-05-31 at 09:36

## Sideswipe-Opposite Direction

Correctable with both options  
due to the center turn lane  
providing extra separation



# Pros & Cons

	Pros	Cons
Option 1 (one lane uphill, one lane downhill, one center turn lane)	<ul style="list-style-type: none"> <li>• Safest option for pedestrians</li> <li>• Provides center turn lane (safety benefit for vehicles)</li> <li>• Crossing treatments less expensive for 3- vs 4-lane crossings</li> </ul>	<ul style="list-style-type: none"> <li>• Results in 1-min increase in travel time for vehicles and STA buses</li> <li>• No way for uphill traffic to pass slower moving freight vehicles</li> <li>• STA buses cannot be passed when making stops in either direction</li> </ul>
Option 2 (two lanes uphill, one lane downhill, one center turn lane)	<ul style="list-style-type: none"> <li>• Maintains existing travel time for NB (uphill) direction</li> <li>• Provides center turn lane (safety benefit for vehicles)</li> <li>• Uphill traffic has a second lane to pass slower moving freight and buses</li> </ul>	<ul style="list-style-type: none"> <li>• Not as safe for pedestrians crossing Grand vs Option 1</li> <li>• STA buses cannot be passed for the SB (downhill) direction</li> <li>• Travel time is higher for downhill direction, same as Option 1</li> </ul>
Existing (two lanes uphill, two lanes downhill)	<ul style="list-style-type: none"> <li>• No travel time changes</li> <li>• Able to pass slower moving/stopped traffic in both directions</li> </ul>	<ul style="list-style-type: none"> <li>• Least safe option for both pedestrians and people in motor vehicles</li> <li>• Passing movements around left turning traffic involves passing on the right</li> </ul>

# Decision Points

- Transportation Commission will make its decision using the following criteria:
  - Safety
  - Emergency Response
  - Travel Time
  - Transit Access
  - others may be added.....



# Next Steps

- Compile comments
- Hearing at Transportation Commission on Feb 18<sup>th</sup> , 4-6 PM



The screenshot shows the Spokane City website's "Boards & Commissions" section. The header features the Spokane logo and navigation links for "live", "work", "enjoy", and "engage". A search bar and a user icon are also present. The main content area displays a scenic view of the Spokane skyline, including the clock tower and various buildings. Below the image, a navigation bar includes "Commissions" and "Transportation Commission". The "Transportation Commission" page is then shown in detail, featuring a "View Meeting Videos" button, an "Email Notifications" section with a "Join the List" button, and a "Contact Information" section listing "Jon Snyder" as the Secretary with the email "jsnyder@spokanecity.org".



## Transportation Commission

**Authorized by and Date:** The Transportation Commission is authorized by Ordinance C36517, effective on August 1, 2024.

**Mission Statement/Purpose:** The purpose of the Transportation Commission is to provide advice and recommendations to the Mayor and City Council on the plans and programs necessary to achieve a safe and equitable multimodal transportation system consistent with the Comprehensive Plan, the policies of the City as adopted by the City Council, and within the parameters set forth in state and local law.

**Meeting location and time:** The Transportation Commission meets the third Wednesday of each month at 4:00 p.m. in the Council Chambers, 808 W. Spokane Falls Blvd., in Spokane City Hall.

**Membership:** The Transportation Commission consists of nine commissioners nominated by the mayor and appointed by the city council, except for the member of the Bicycle Advisory Board. The membership shall consist of:

[View Meeting Videos](#)

### Email Notifications

Sign up below to receive email updates from the Transportation Commission.

[Join the List](#)

### Contact Information

Jon Snyder  
Secretary  
[jsnyder@spokanecity.org](mailto:jsnyder@spokanecity.org)

# How to Comment

- Written comments tonight.
- Email to [transportationcommission@spokanecity.org](mailto:transportationcommission@spokanecity.org)
- In-person or via Microsoft Teams at the Transportation Commission meetings
  - Will be on the agenda for Transportation Commission at City Hall on Feb 18<sup>th</sup> from 4pm-6pm (hearing usually starts after 5 pm)



# Further Questions

---

Contact:

Inga Note [inote@spokanecity.org](mailto:inote@spokanecity.org), or

Brian Brisendine [bbrisendine@spokanecity.org](mailto:bbrisendine@spokanecity.org)

<https://my.spokanecity.org/projects/grand-blvd-restriping-from-14th-ave-to-29th-ave/>

---

