



# Rathdrum Turn Lanes



Your Safety • Your Mobility  
Your Economic Opportunity



# Rathdrum Turn Lanes

## Welcome

This project is designed to improve safety and mobility on ID-53 in Rathdrum between Latah Street and Sylte Ranch Road.

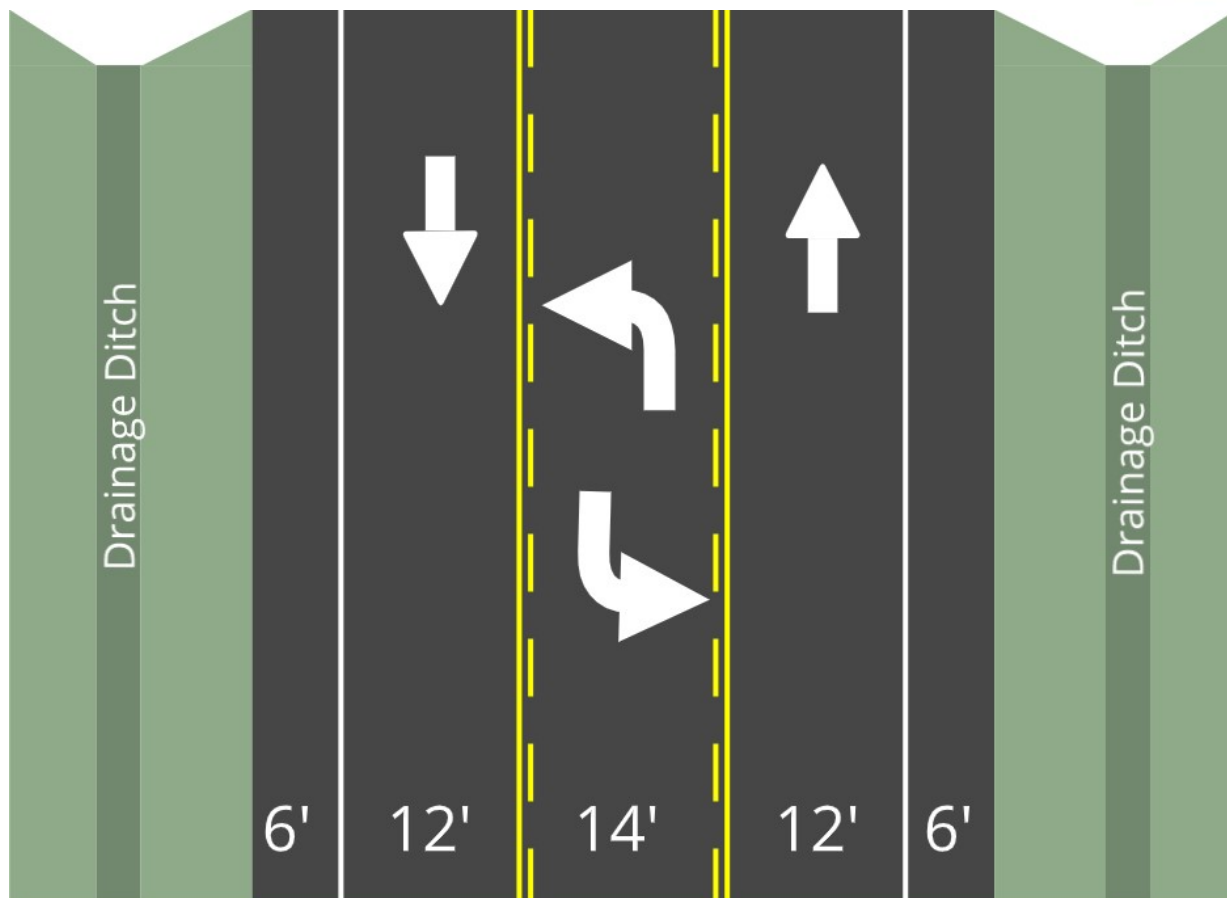
### **Proposed improvements include:**

- Extension of the center turn lane
- Reconstruction of the road base
- Addition of a right turn lane to access Bingham Road
- Installation of storm sewers to reduce flooding events
- Replacement of existing sidewalks
- Installation of a longer culvert at Rathdrum Creek just west of the park

The design team is evaluating safety modifications to existing approaches. These approaches are still in the process of being identified before contacting property owners.



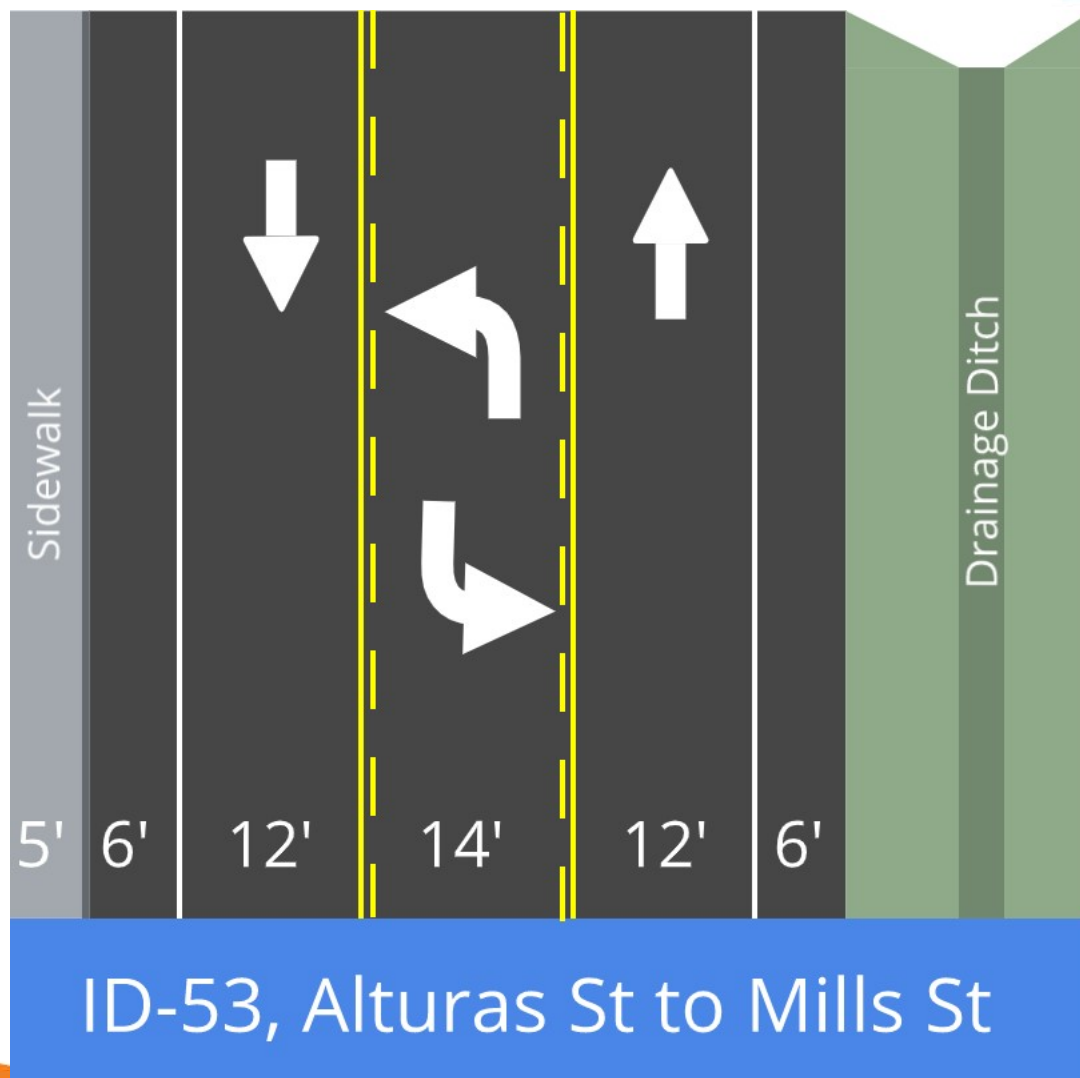
# Rathdrum Turn Lanes



ID-53, Rathdrum Creek to Alturas St

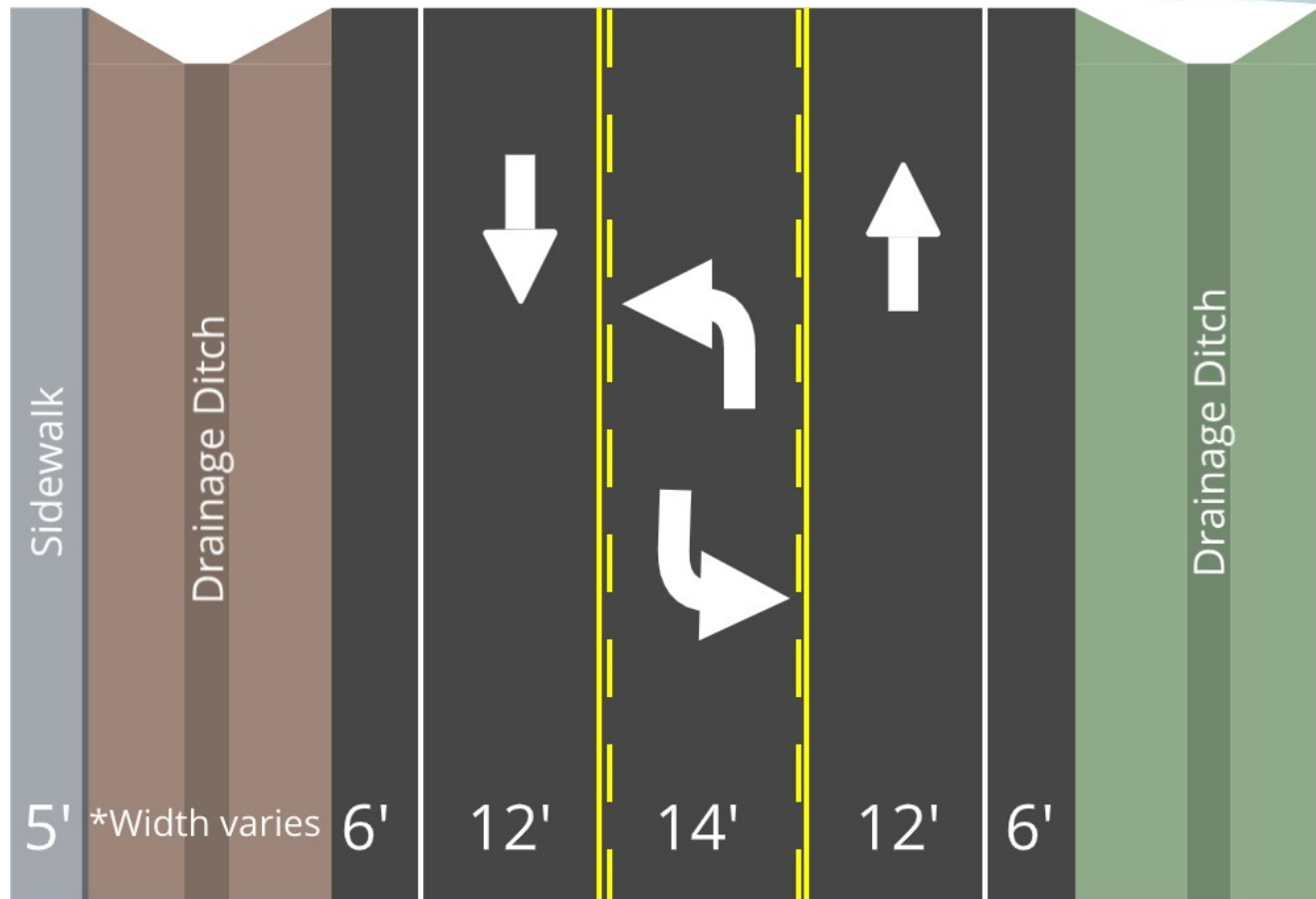


# Rathdrum Turn Lanes





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ID-53, Mills St to Sylte Ranch Rd



# Rathdrum Turn Lanes

## Crash Data

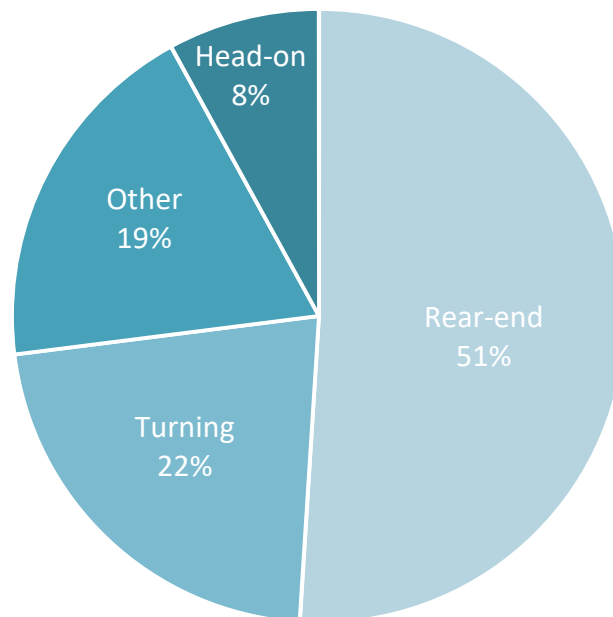
Crash data and projected traffic volumes helped determine which improvements were necessary.

- From 2014 to 2019, there were 37 crashes
- Of those crashes, 62 percent resulted in damage to property and 38 percent resulted in possible or suspected injuries
- No fatalities in that time frame
- For crash types, see chart

Based on crash data and turning movements, a right turn lane will be added to access Bingham Street.

With a continuous center turn lane, drivers will no longer stop and wait to turn in the travel lane, which will help reduce rear-end crashes.

**Crashes from 2014 - 2019**





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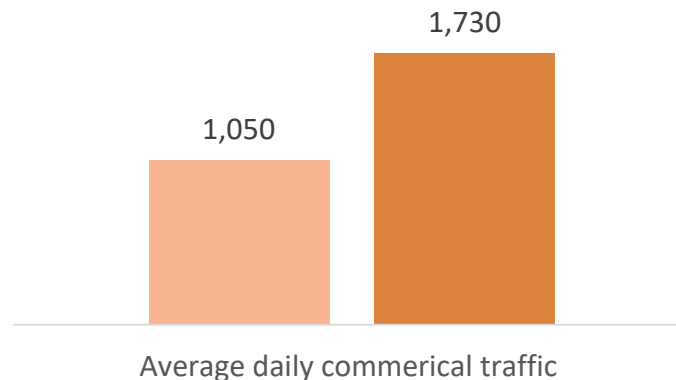
## Traffic Volumes

Future traffic volumes are expected to nearly double, with most of the increase in traffic attributed to passenger vehicles and not commercial traffic.

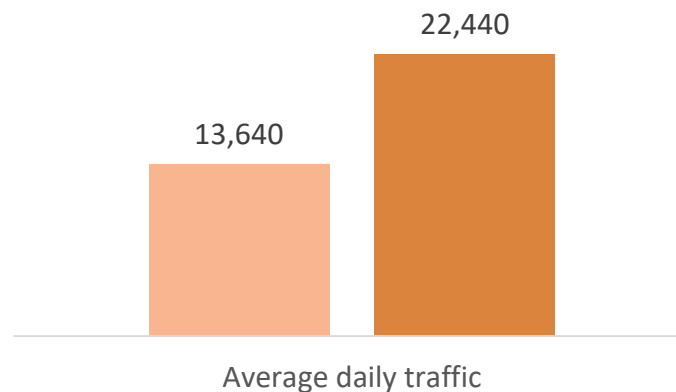
The center turn lane will separate turning movements from through traffic and maintain mobility with increased volumes.

Although side streets are inconsistently spaced in the project area, one consistent turn lane is safer for drivers than a series of individual left turn lanes.

2024 2044



2024 2044





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## Design Considerations

Local sites and issues within the project area affected the design.

- Plans are being developed with little to no impact to the city park at the western edge of the project area.
- Given the number of head-on crashes, the design team considered including rumble strips in the plans, but they were excluded due to noise concerns in the residential areas.
- At Mill Street, the shoulders of the highway will not be as wide, and the highway will bend slightly. Although wider shoulders would be safer, the proximity of the railroad crossing and the accesses for nearby businesses would make this more impactful to property owners and would increase the project cost. Since turn lanes already exist at this location, the design team elected to adjust the design in this location.
- Comments are being sought to further optimize this project.



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## Schedule

This project is in intermediate design, with several milestones left before it is ready for construction.

- Property owner contacts planned for summer 2020
- Land acquisition will begin in fall 2020
- Final design to be completed by January 2021
- Construction in 2022





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## Next Steps

Thank you for taking the time to view this presentation. Your input is important to ITD and the success of this project.

**Please share your comments by:**

- Downloading the comment form here (link) and email to [Chance.Cole@itd.idaho.gov](mailto:Chance.Cole@itd.idaho.gov)
- Calling 208-855-785 to give verbal comments or ask questions

For project updates and future opportunities to be involved, visit [itdproject.org/id53corridor](http://itdproject.org/id53corridor)

