



**Steese Highway
Chena Hot Springs Road
Ramp Termini Roundabouts
0650(026)/63467**

July 21st, 2014 Public Meeting



Welcome

The purpose of this meeting is to:

- Provide information about the project
- Hear from you



Project Scope

Construct a single-lane roundabouts at this location.

Purpose

Reduce crashes





Reason

- Obstructed sight distance
- Close proximity of bridge walls
 - Crest curve
 - High speeds

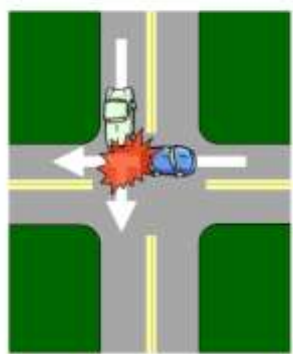


Crash History

Safety Problem description:

14 Total crashes between 2005 and 2009

Angle



Left turn



Crash Type	NB Ramp	SB Ramp	Total
Angle (incl. Left Turns)	3	6	9
Other	2	3	5

Crash Severity	NB Ramp	SB Ramp	Total
Property Damage	3	5	8
Minor Injury	2	4	6
Fatal	0	0	0



Safety

Roundabout Benefits

Roundabouts reduced injury crashes by 75% at intersections where stop signs or signals were previously used for traffic control. Studies by the Insurance Institute for Highway Safety and Federal Highway Administration have shown that roundabouts typically achieve:

- ✓ 37% reduction in overall collisions
- ✓ 75% reduction in injury collisions
- ✓ 90% reduction in fatality collisions
- ✓ 40% reduction in pedestrian collisions



Safety

Low travel speeds –

Drivers must slow down and yield to traffic before entering a roundabout.

Speeds in the roundabout are typically between 15 and 20 miles per hour.

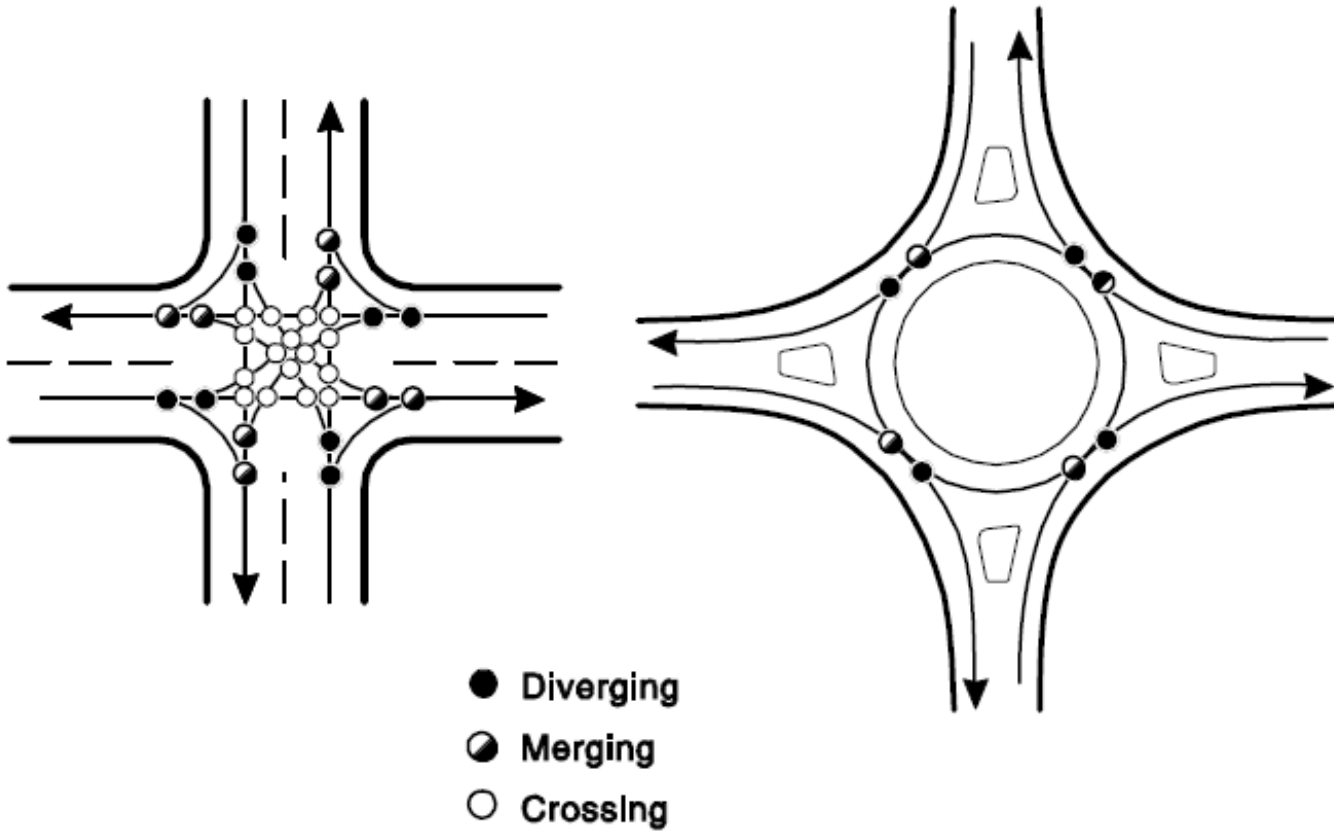
One-way travel –

Roads entering a roundabout are gently curved to direct drivers into the intersection and help them travel counterclockwise around the roundabout.

The curved roads and one-way travel around the roundabout eliminate the possibility for T-bone and head-on collisions.



Safety



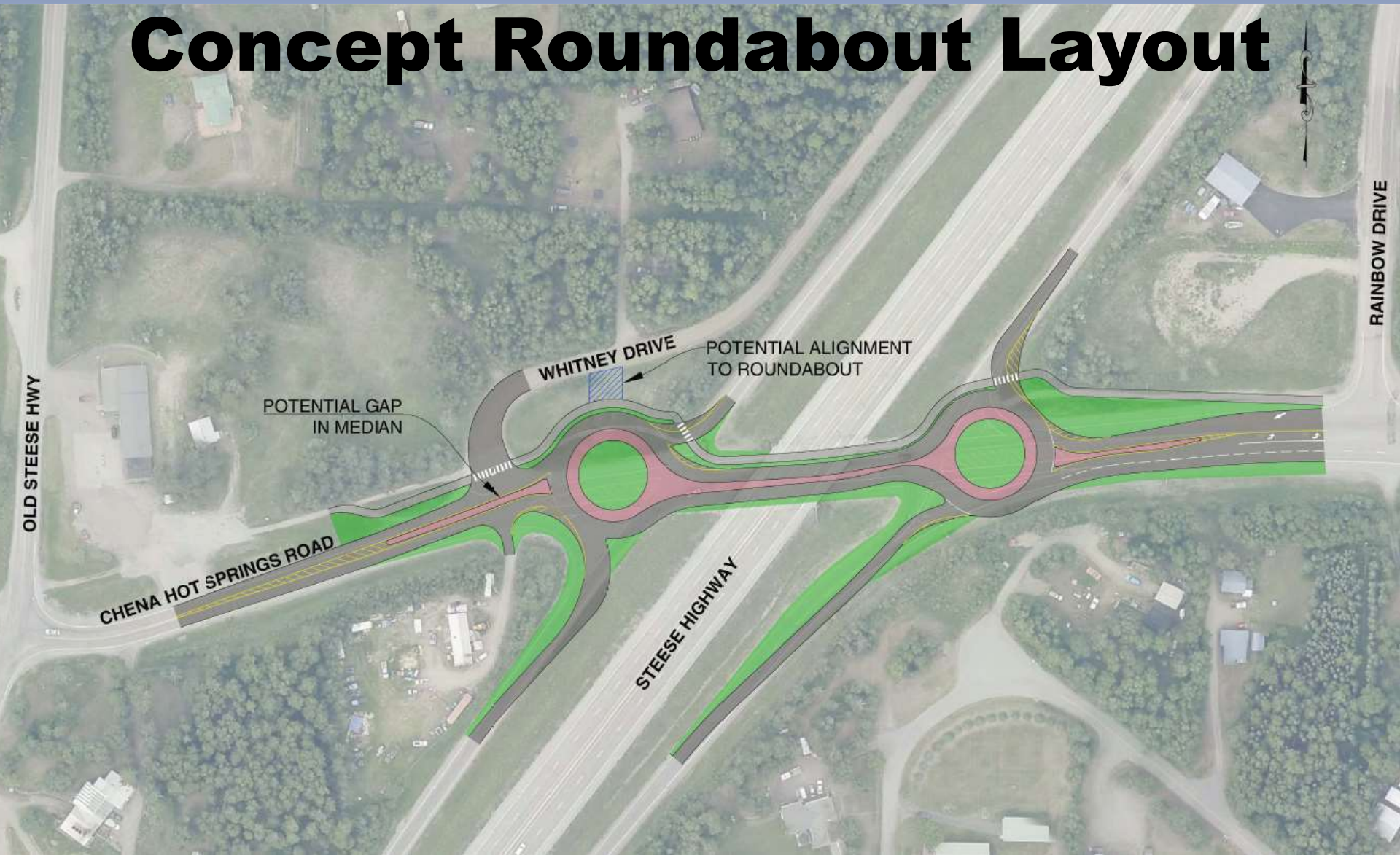


Benefit Considerations

- **Safety**
reduction in crash frequency and severity
- **Operations**
reduction in vehicle delay (compared to other intersection control)
- **Environment**
reduction in fuel consumption & improved air quality
- **Economic**
higher savings versus traffic signals



Concept Roundabout Layout





Funding

Highway Safety Improvement Program (HSIP)

The project is funded with Federal-aid Highway Funds.



Estimated Costs

Design.....	\$450,000
Utilities.....	\$60,000
Construction.....	\$2,379,000
TOTAL	\$2,889,000



Construction

- Construction anticipated in 2016





Conclusion

- We want to hear from you.
- Please send us your comments by August 1st, 2014
- THANK YOU