



I-15 NORTHBOUND ALTERNATIVES PUBLIC OPEN HOUSE

The following information is a summary of the I-15 Northbound; Bangerter Highway to I-215 Environmental Assessment (EA) Alternatives Public Open House:

Overview	<p>The Utah Department of Transportation (UDOT) is conducting an Environmental Assessment (EA) to develop transportation solutions that address travel demand for northbound I-15 between Bangerter Highway and I-215. Additionally, the EA will evaluate Alternatives that best meet the project goals and determine their associated impacts to social, economic and environmental resources.</p> <p>UDOT held a public meeting (open house format) to present the Alternatives selected for further study.</p>
When/Where	<p>The Alternatives Public Open House was held on Wednesday, May 2, 2018, from 4-7 p.m. at the Midvale Senior Center in Midvale, Utah.</p>
Advertisement	<p>Special invitations: Email invitations were sent to the following cities' public information officers and elected officials:</p> <ul style="list-style-type: none">• City of Midvale• City of Sandy• City of Draper• City of Murray <p>Mailer: Approximately 4000 postcards containing public open house details were mailed to businesses and residences in the project area 10 days in advance of the open house (see Appendix A).</p> <p>Canvassing: On April 26, 2018, approximately 600 door hangers were hand delivered to businesses and residents directly adjacent to I-15 on the east side from Bangerter Highway to I-215 (see Appendix B).</p> <p>Project Website: The project website was updated prior to and following the open house. Details about the open house and commenting period deadline were included with the updates.</p>

	<p>Social Media and Websites:</p> <p>Information was provided to the following agencies to post on social media outlets and websites prior to the open house:</p> <ul style="list-style-type: none"> • UDOT Region Two • Utah DOT • City of Midvale • City of Sandy • City of Draper • City of Murray <p>Additional outreach activities:</p> <ul style="list-style-type: none"> • Email blasts were sent to stakeholders on April 3, April 24, and May 1 announcing open house details.
Attendance	107 attendees signed in. Comment forms, a flyer and business cards with contact information were handed out at the sign-in table (see Appendixes C and D).
Information Presented	The public open house boards were set up around the room and included information about the Alternatives screening process, Alternatives that were evaluated and selected for further study, EA process, and right of way process (see Appendix E). Team members were present to explain the Alternatives screening process and answer questions. Two large maps showing I-15 from Bangerter to I-215 were available to facilitate discussion.
Comments	<p>Members of the public were able to comment in the following ways:</p> <ul style="list-style-type: none"> • Completing comment forms provided at the open house. • Mailing comment forms provided at the open house. • Submitting comments online through the website. • Calling the project hotline at 801-747-9950. • Emailing comments to i15northbound@utah.gov. <p>The public comment period for this phase ran from April 16 to May 16, 2018. A total of 107 people commented during this time. Opposition to the project was referenced in 23 comments, followed by relocation and general construction concerns, which were both referenced 21 times. Concerns about impacts to quality of life on a community and individual basis were referenced 13 times. Other topics included right of way, property values, noise, impacts to the community center and cemetery, public transportation, city code compliance and general information concerns.</p>

NORTH



BOUND

A UDOT STUDY



YOU'RE INVITED

TO A PUBLIC OPEN HOUSE

Come learn about and provide feedback on potential solutions to address transportation needs on northbound I-15 from Bangerter Highway to I-215.

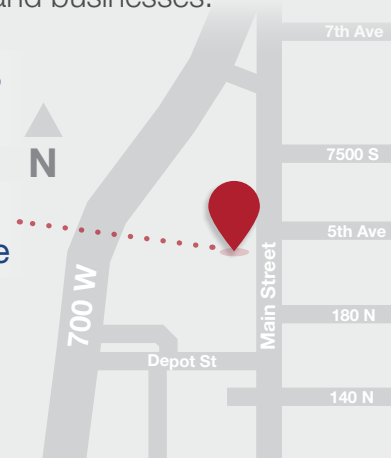
Information on UDOT's right-of-way process and property owner rights will be available to property owners, residents and businesses.

WHEN

Wednesday, May 2, 2018
4 - 7 p.m.

WHERE

Midvale Senior Center
7550 S. Main St., Midvale



Environmental Assessment Overview

Appendix A

The Utah Department of Transportation (UDOT) is conducting an Environmental Assessment (EA) to evaluate transportation-related improvements on northbound I-15 from Bangerter Highway to I-215 in Salt Lake County. The EA is being prepared as required by the National Environmental Policy Act (NEPA).

The environmental review, consultation, and other actions required by applicable Federal environmental laws for this study are being or have been carried-out by UDOT pursuant to 23 USC 327 and a Memorandum of Understanding dated January 17, 2017, and executed by FHWA and UDOT.



2162 W. Grove Parkway, Suite 400
Pleasant Grove, UT 84062

Contact Us

If you are unable to attend the open house, you may view the meeting materials online at udot.utah.gov/i15northbound.

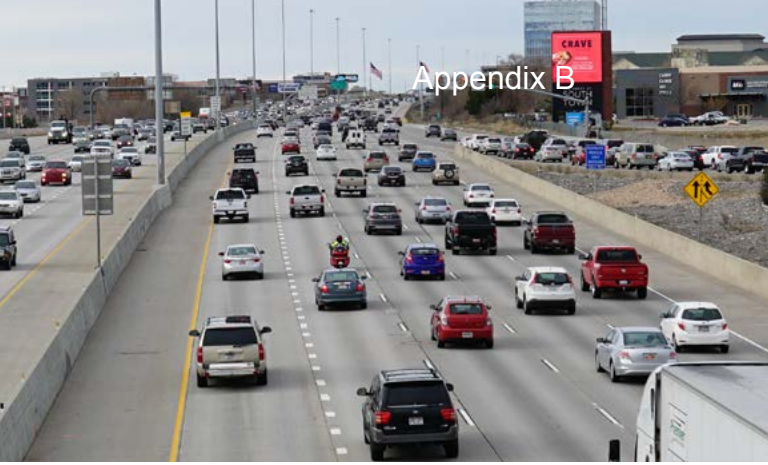
If you need special accommodations during the meeting, please contact a member of our team five days in advance at 801-747-9950.

PHONE 801-747-9950

EMAIL i15northbound@utah.gov

WEBSITE udot.utah.gov/i15northbound

Contáctenos si necesita esta información en Español.



YOU'RE INVITED

TO A PUBLIC OPEN HOUSE FOR THE

NORTH  BOUND

ENVIRONMENTAL ASSESSMENT

Learn about and provide feedback on potential solutions to address transportation needs on northbound I-15 from Bangerter Highway to I-215.

Information on UDOT's right-of-way process and property owner rights will be available to property owners, residents and businesses.

WHEN

Wednesday, May 2, 2018
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7550 S. Main St., Midvale

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If you need special accommodations during the meeting, please contact a member of our team five days in advance.

Contáctenos si necesita esta información en Español.

*Place
Postage
Stamp
Here*



2162 W. Grove Parkway, Suite 400
Pleasant Grove, Utah 84062

Fold Here



CONTACT INFORMATION

Name: _____ Organization: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone Number: _____
Email: _____

COMMENTS

Submit all comments by May 16, 2018.

Please list any comments, concerns, and/or suggestions related to the alternatives development and screening process.

Please list any comments, concerns, and/or suggestions related to the alternatives selected for further study.

Other Comments:

NORTH BOUND

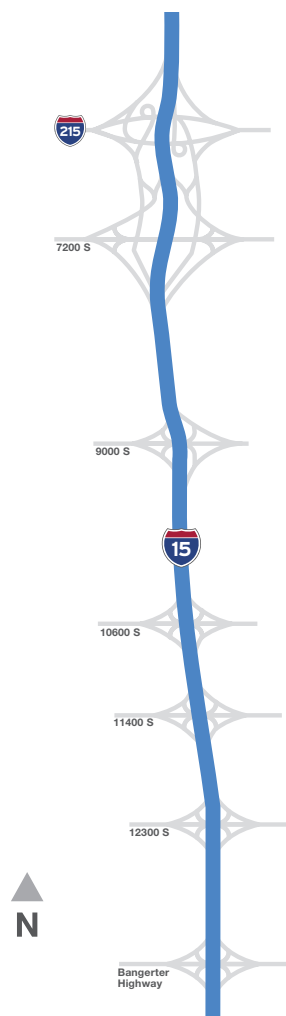
BANGERTER HIGHWAY TO I-215

The Utah Department of Transportation (UDOT) is conducting an Environmental Assessment (EA) to evaluate transportation-related improvements on northbound Interstate 15 (I-15) from Bangerter Highway to I-215 in Salt Lake County. The EA is being prepared as required by the National Environmental Policy Act (NEPA).

The study team has selected two alternatives for further study:

NO-ACTION ALTERNATIVE

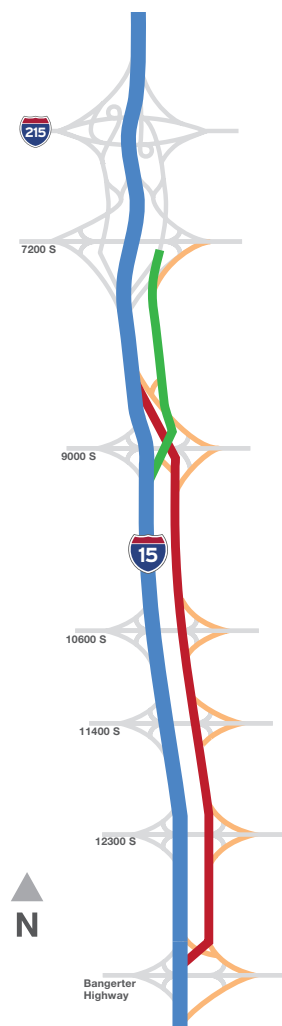
Maintain the current roadway configuration of northbound I-15 between Bangerter Highway and I-215.



ALTERNATIVE 3

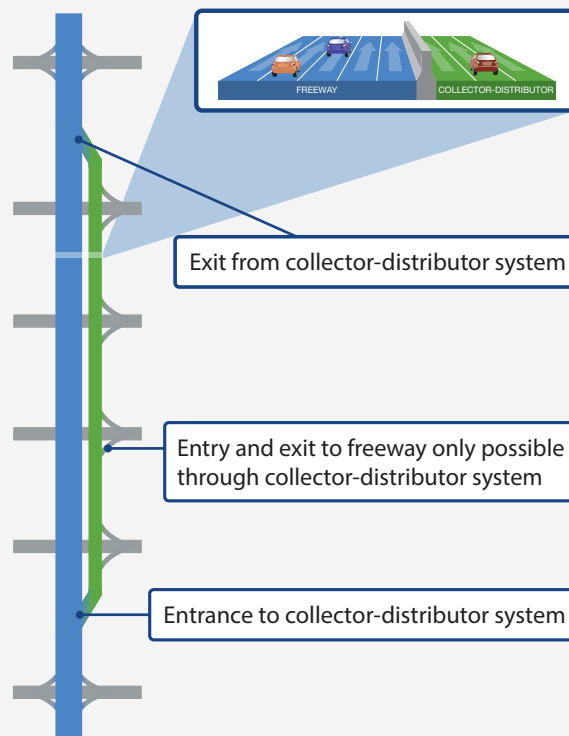
Construct two separate Collector-Distributor Systems:

- ◇ Northbound **Collector-Distributor System A** on I-15 from 9000 South to the I-215 east/westbound entrance ramps.
- ◇ Northbound **Collector-Distributor System B** on I-15 from Bangerter Highway to 9000 South.



WHAT IS A COLLECTOR-DISTRIBUTOR SYSTEM?

A collector-distributor system parallels the mainline freeway and connects to more than one entrance/exit to the freeway. This system improves traffic flow by allowing mainline through traffic to bypass exit and entrance ramps.



Visit udot.utah.gov/i15northbound to review Alternative 3 in detail and learn more about the EA.

LEGEND

 Freeway (I-15)  Existing interchange  Remove Ramp  New/Reconstructed Ramp  Collector-Distributor System A  Collector-Distributor System B

The environmental review, consultation, and other actions required by applicable Federal environmental laws for this study are being or have been carried-out by UDOT pursuant to 23 USC 327 and a Memorandum of Understanding dated January 17, 2017, and executed by FHWA and UDOT.



WELCOME

Public Open House

The purpose of the meeting is to:

- ◇ Present potential transportation alternatives for northbound I-15 from Bangerter Highway to I-215.
- ◇ Gather public input related to potential transportation alternatives.

The environmental review, consultation, and other actions required by applicable Federal environmental laws for this study are being or have been carried out by UDOT pursuant to 23 USC 327 and a Memorandum of Understanding dated January 17, 2017, and executed by FHWA and UDOT.

NORTH  BOUND

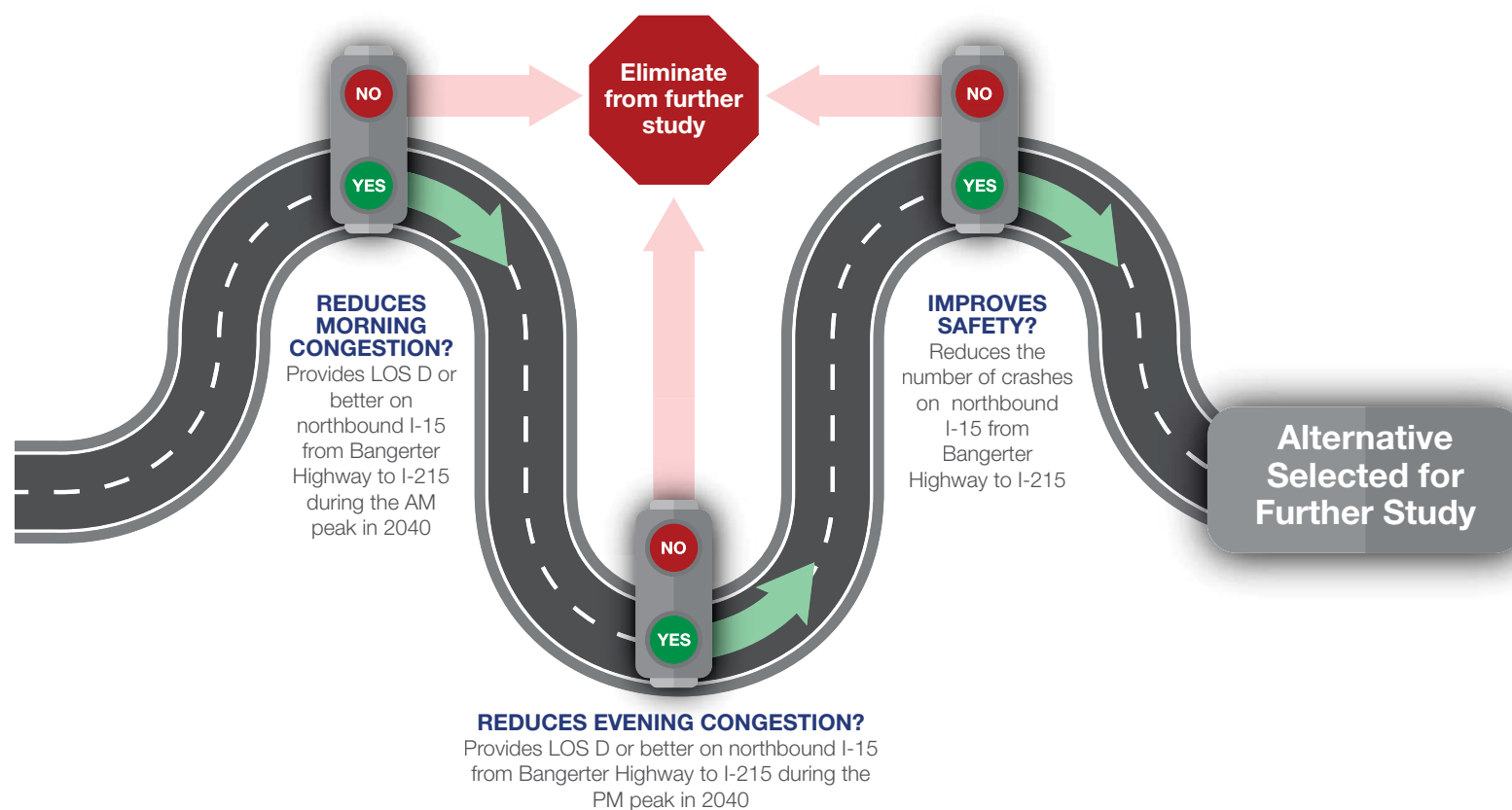
PURPOSE & NEED

- ◇ Address the current and future travel demand on northbound I-15 from Bangarter Highway to I-215.
- ◇ Improve safety on northbound I-15 from Bangarter Highway to I-215.



NORTH  BOUND

ALTERNATIVES SCREENING PROCESS



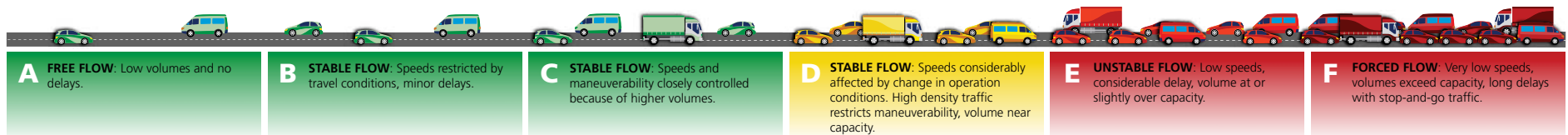


WHAT IS LEVEL OF SERVICE?

Level of Service (LOS) measures the quality of the traffic flow rate in terms of:

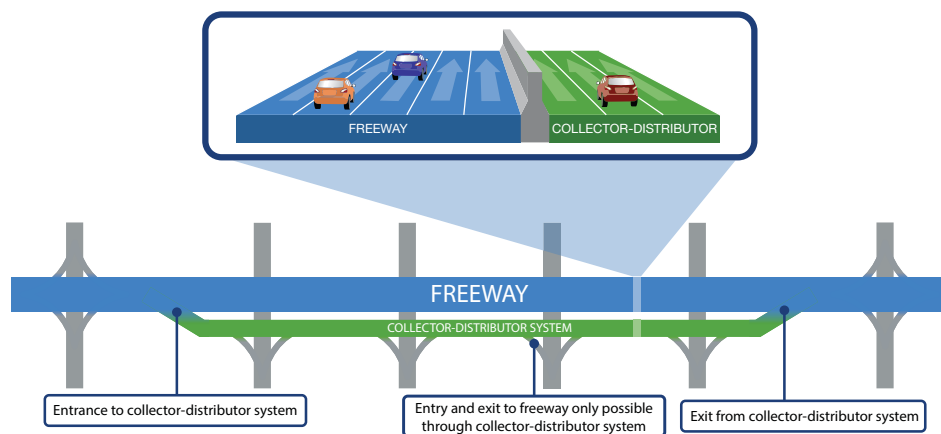
- ◇ Speed
- ◇ Average travel delay
- ◇ Travel times
- ◇ Freedom to maneuver

LOS ranges from A to F, with LOS A representing the best operating conditions (little or no congestion or delay) and LOS F representing the worst operating conditions (extreme congestion and delay with long traffic queues and stop-and-go traffic).



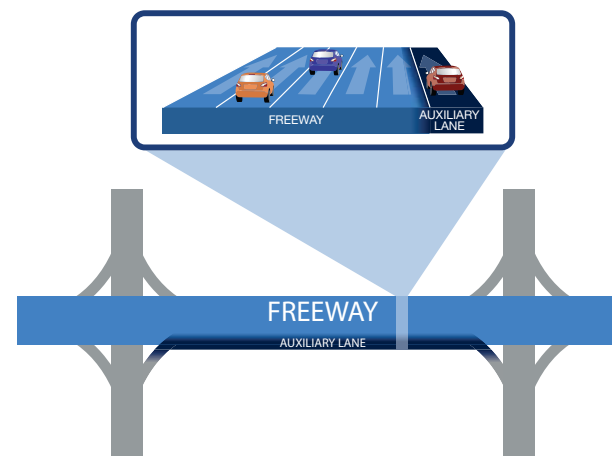


WHAT IS A COLLECTOR-DISTRIBUTOR SYSTEM?



A collector-distributor system parallels the mainline freeway and connects to more than one entrance/exit to the freeway. This system improves traffic flow by allowing mainline through traffic to bypass exit and entrance ramps.

WHAT IS AN AUXILIARY LANE?



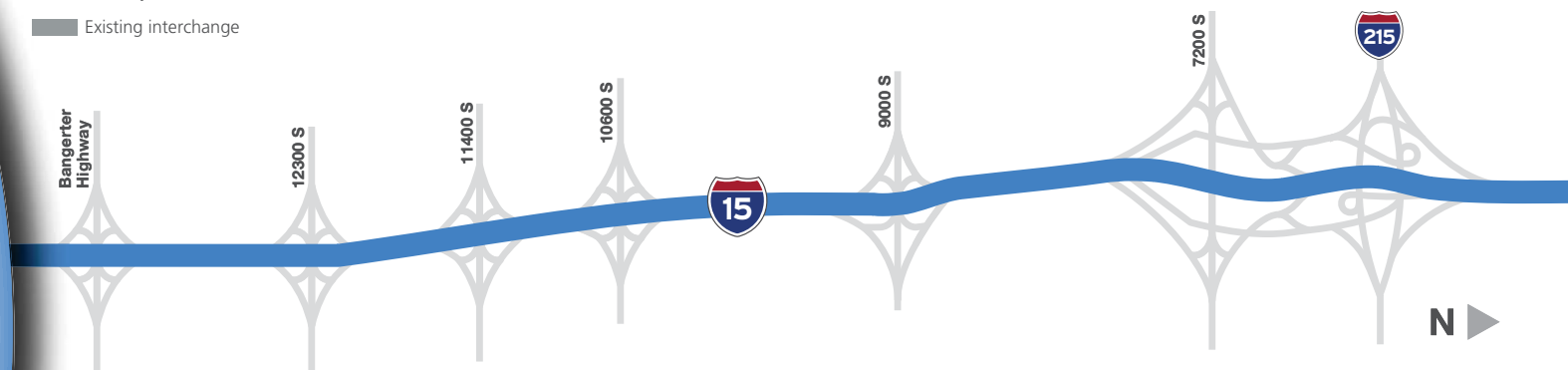
A short-term lane that accommodates traffic speed changes, turning, weaving, truck climbing, exiting and entering traffic, and other purposes supplementary to through-traffic movement.

NO-ACTION ALTERNATIVE

Maintain the current roadway configuration of northbound I-15 between Bangerter Highway and I-215.

LEGEND

- Freeway (I-15)
- Existing interchange



Alternative
Selected for
Further Study

Carried forward for detailed study to satisfy the National Environmental Policy Act (NEPA) “no-action” requirement and to provide a baseline to compare impacts of build alternatives.

ALTERNATIVE 1

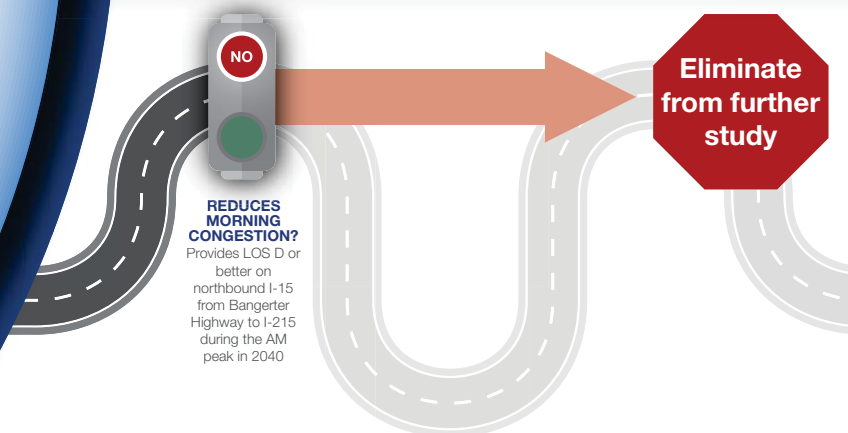
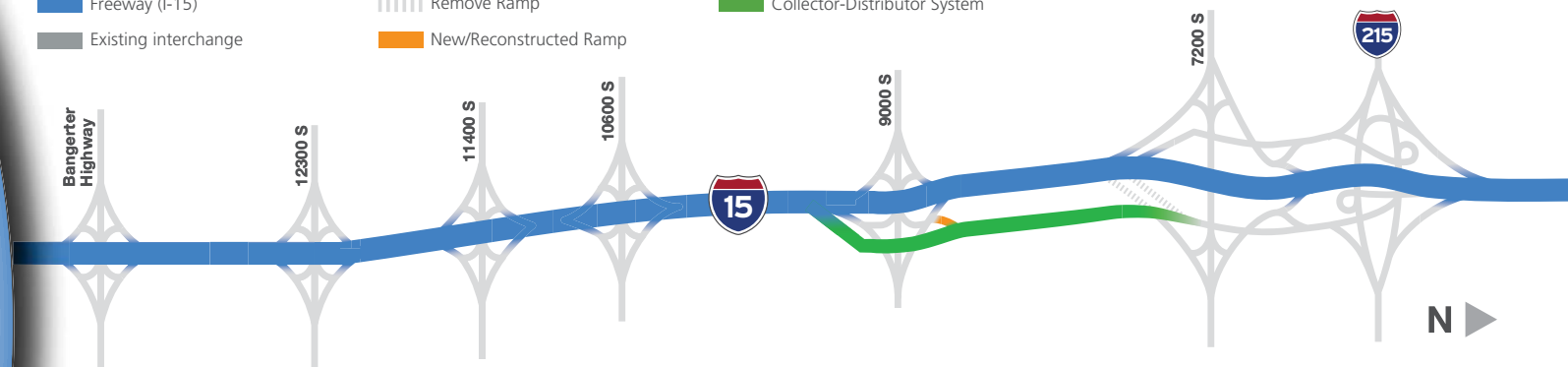
Construct northbound
**Collector-Distributor
System** on I-15 from 9000
South to the I-215 east/
westbound entrance ramps.

LEGEND

Freeway (I-15)
Existing interchange

Remove Ramp
New/Reconstructed Ramp

Collector-Distributor System



Alternative **eliminated from further study** because it does not sufficiently reduce morning congestion.

ALTERNATIVE 2

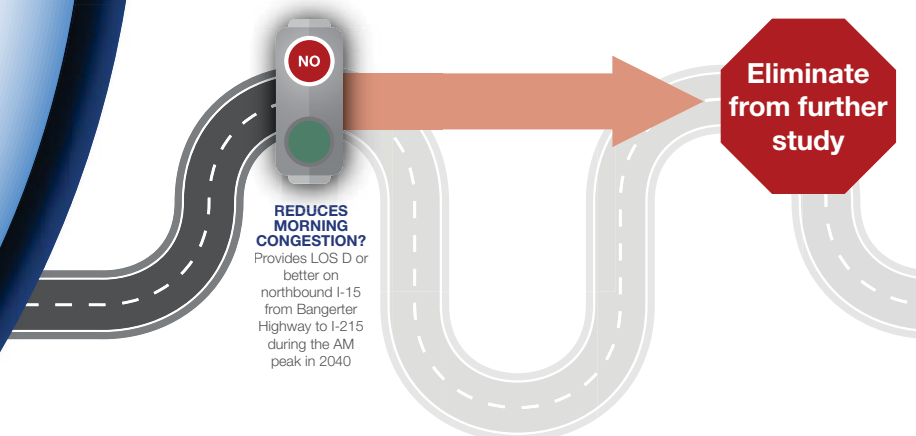
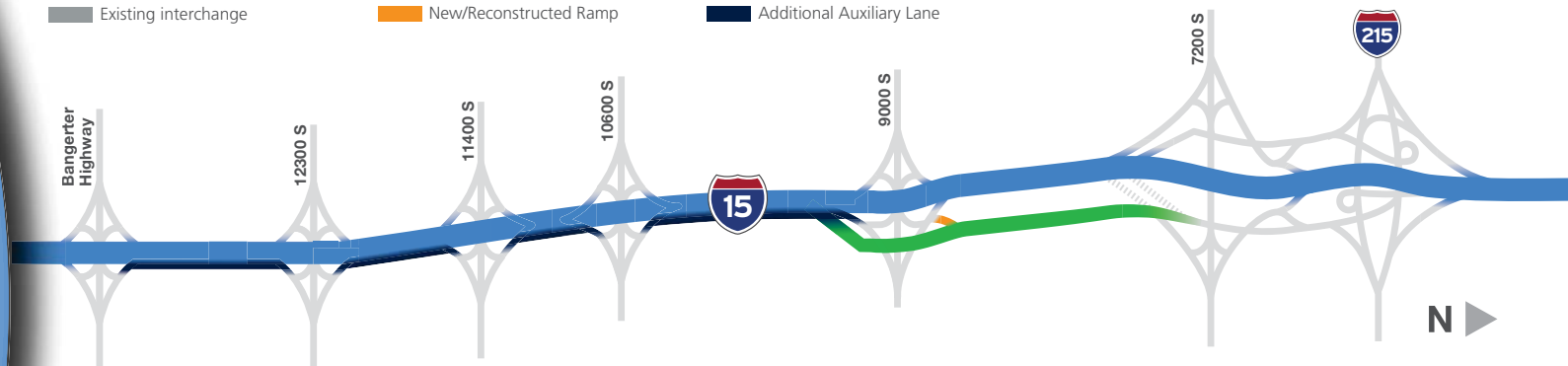
- ◇ Construct northbound **Collector-Distributor System** on I-15 from 9000 South exit ramp to the I-215 east/westbound entrance ramps.
- ◇ Construct northbound **auxiliary lanes** on I-15 from Bangerter Highway to 9000 South.

LEGEND

Freeway (I-15)
Existing interchange

Remove Ramp
New/Reconstructed Ramp

Collector-Distributor System A
Additional Auxiliary Lane



Alternative **eliminated from further study** because it does not sufficiently reduce morning congestion.

ALTERNATIVE 3

Construct two separate Collector-Distributor Systems:

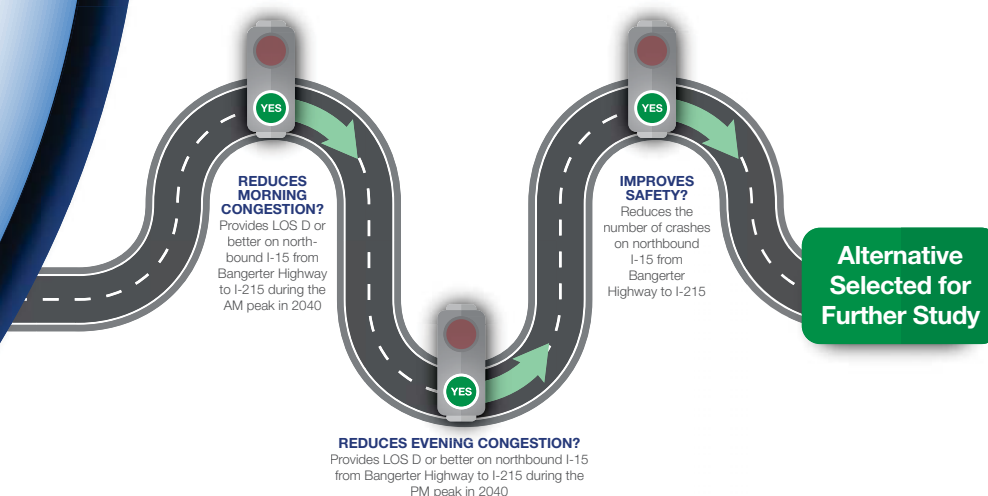
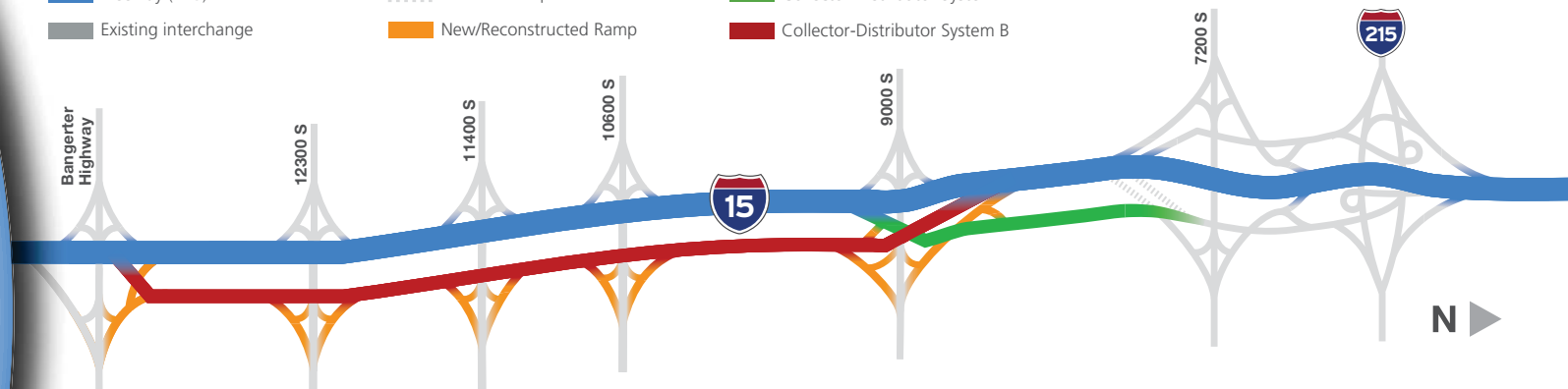
- ◇ Northbound **Collector-Distributor System A** on I-15 from 9000 South to the I-215 east/westbound entrance ramps.
- ◇ Northbound **Collector-Distributor System B** on I-15 from Bangerter Highway to 9000 South.

LEGEND

Freeway (I-15)
Existing interchange

Remove Ramp
New/Reconstructed Ramp

Collector-Distributor System A
Collector-Distributor System B



Alternative carried forward for further study because it reduces morning and evening congestion and improves safety.

ALTERNATIVE 4

Construct **new connector ramp** for the northbound I-15 to I-215 east/westbound entrance ramp. The proposed ramp would begin near its existing entrance, but would require traffic to enter from the far left lanes versus the far right lanes.

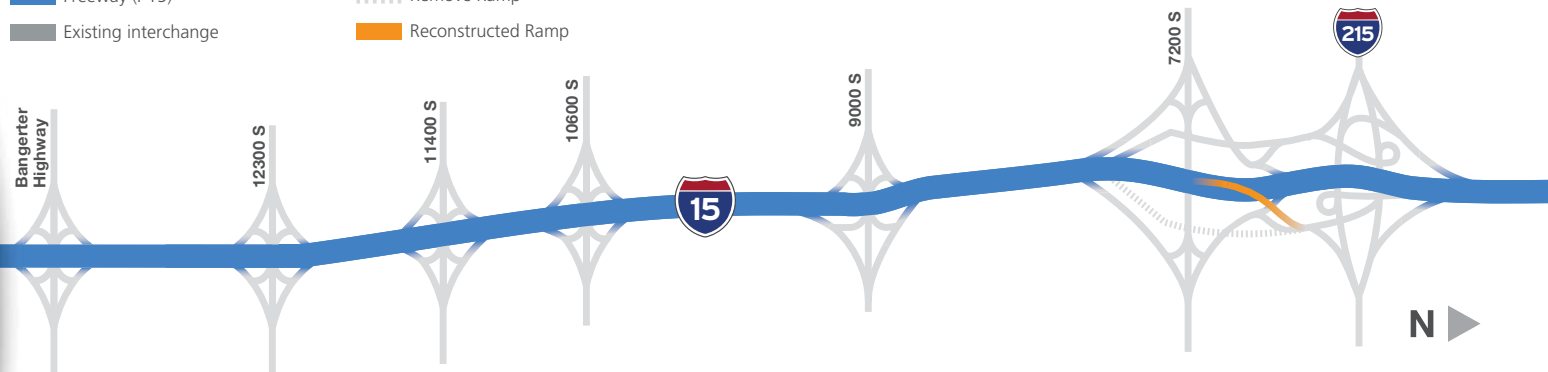
LEGEND

Freeway (I-15)

Existing interchange

Remove Ramp

Reconstructed Ramp



REDUCES MORNING CONGESTION?
Provides LOS D or better on northbound I-15 from Bangerter Highway to I-215 during the AM peak in 2040

Eliminate from further study

Alternative **eliminated from further study** because it does not sufficiently reduce morning congestion.

ALTERNATIVE 5

- ◇ Construct **new connector ramp** for the northbound I-15 to I-215 east/westbound entrance ramp. The proposed ramp would begin near its existing entrance, but would require traffic to enter from the far left lanes versus the far right lanes.
- ◇ Construct northbound **auxiliary lanes** on I-15 from Bangerter Highway to 9000 South.

LEGEND

Freeway (I-15)

Existing interchange

Remove Ramp

Reconstructed Ramp

Additional Auxiliary Lane



Alternative **eliminated from further study** because it does not sufficiently reduce morning congestion.

ALTERNATIVE 6

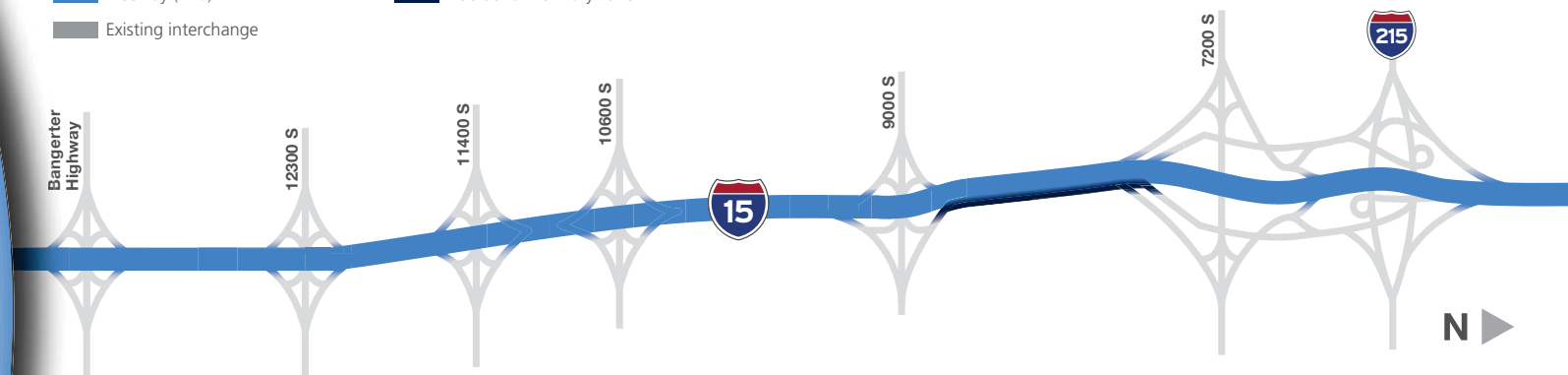
Construct northbound **auxiliary lane** on I-15 from the 9000 South to the I-215 east/westbound entrance ramps.

LEGEND

Freeway (I-15)

Existing interchange

Additional Auxiliary Lane



REDUCES MORNING CONGESTION?
Provides LOS D or better on northbound I-15 from Bangerter Highway to I-215 during the AM peak in 2040

Eliminate from further study

Alternative **eliminated from further study** because it does not sufficiently reduce morning congestion.

ALTERNATIVE 7

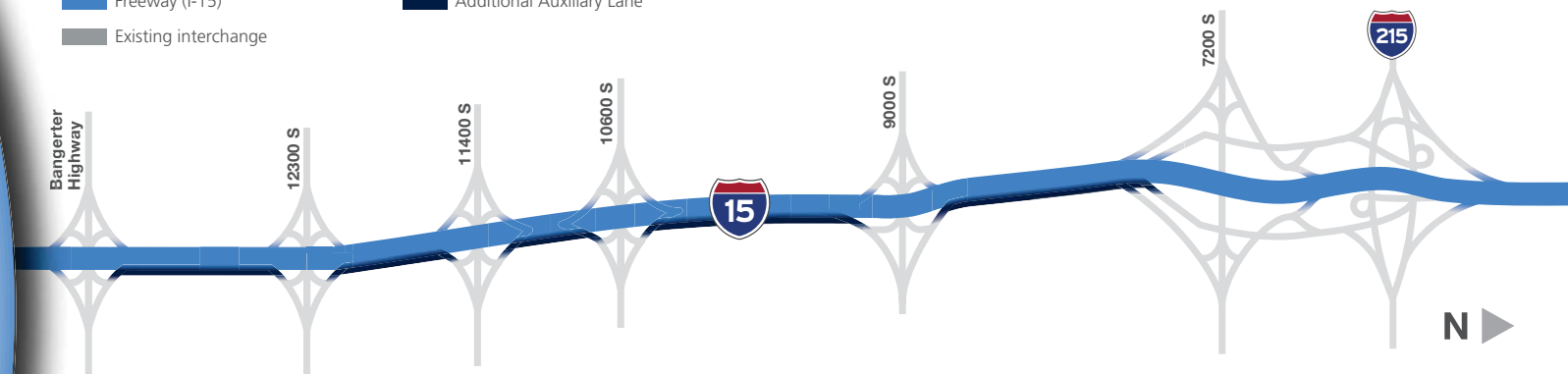
Construct **auxiliary lanes** for northbound I-15 from the Bangerter Highway entrance ramp to the I-215 east/westbound entrance ramps.

LEGEND

Freeway (I-15)

Existing interchange

Additional Auxiliary Lane



REDUCES MORNING CONGESTION?
Provides LOS D or better on northbound I-15 from Bangerter Highway to I-215 during the AM peak in 2040

Eliminate from further study

Alternative **eliminated from further study** because it does not sufficiently reduce morning congestion.

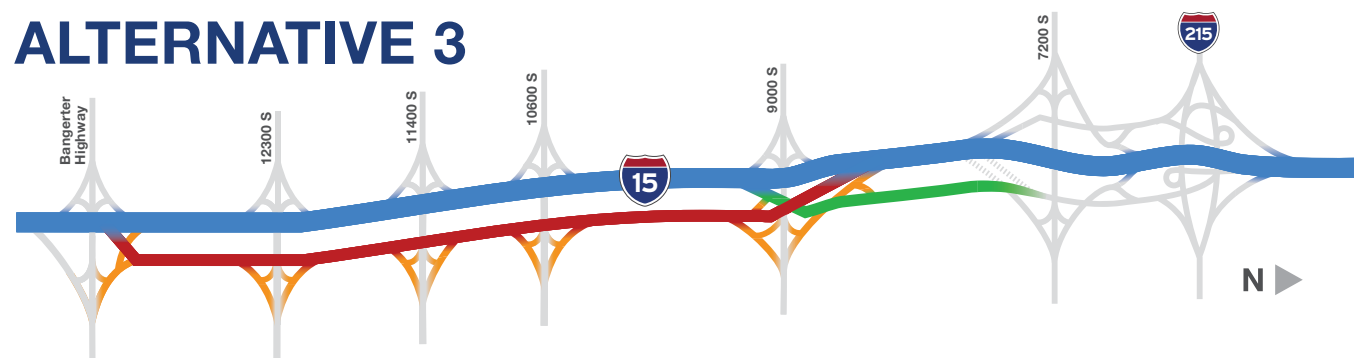
NORTH  BOUND

ALTERNATIVES SELECTED FOR FURTHER STUDY

NO-ACTION ALTERNATIVE



ALTERNATIVE 3



LEGEND

 Freeway (I-15)

 Existing interchange

 Remove Ramp

 New/Reconstructed Ramp

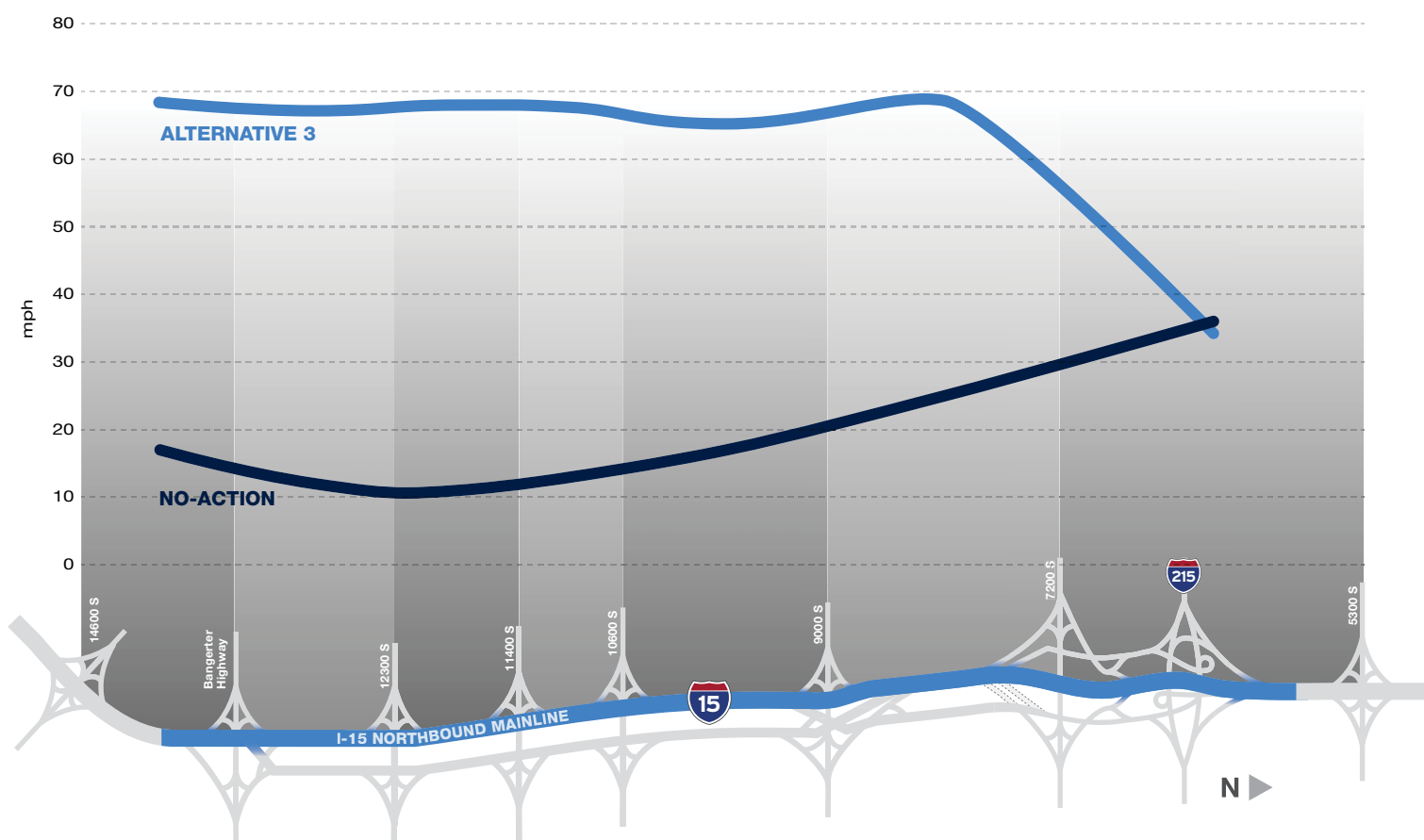
 Collector-Distributor System

 Collector-Distributor System

NORTH  BOUND

I-15 NORTHBOUND MAINLINE

2040 AM Peak Hour Average Speed

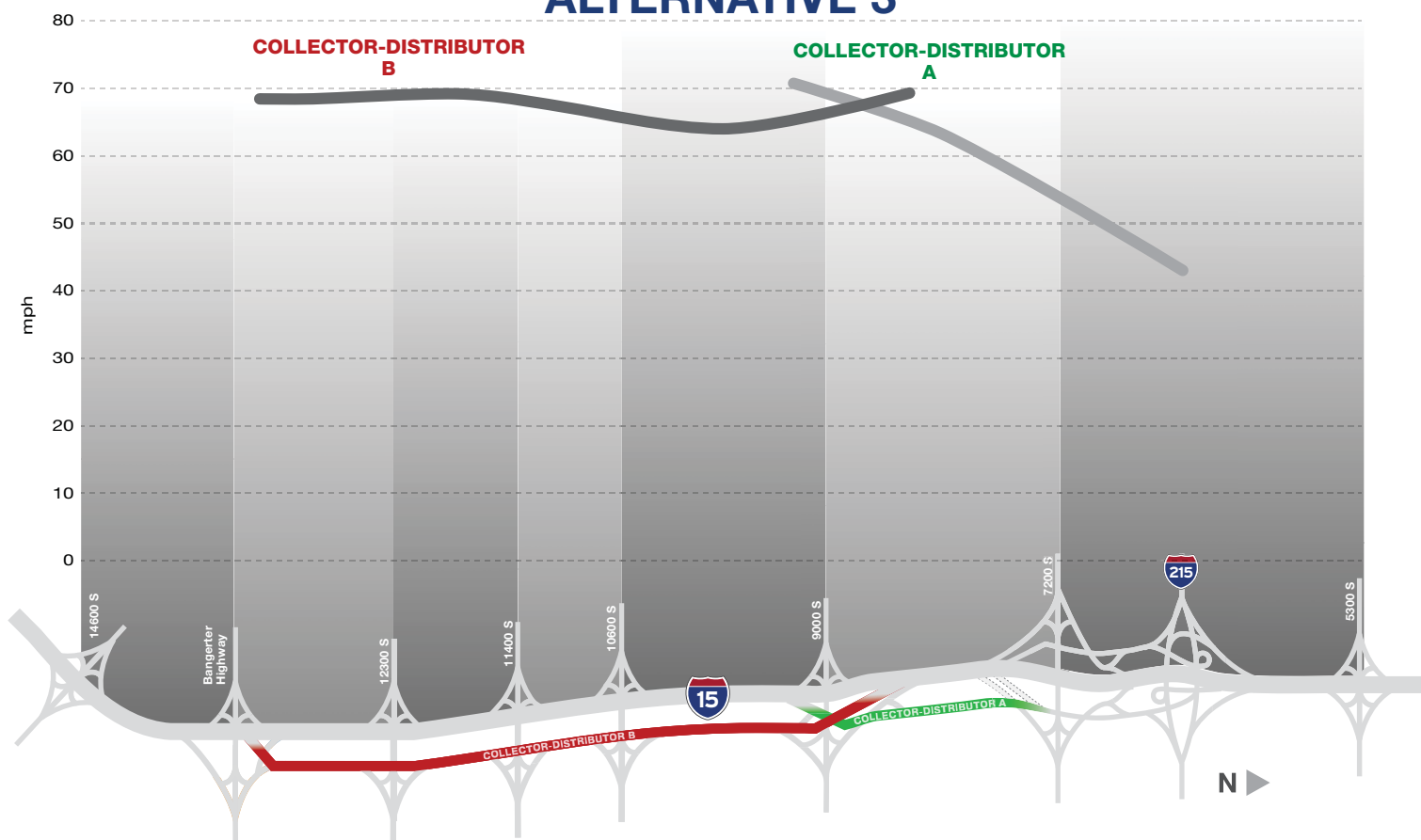




I-15 NORTHBOUND COLLECTOR-DISTRIBUTORS

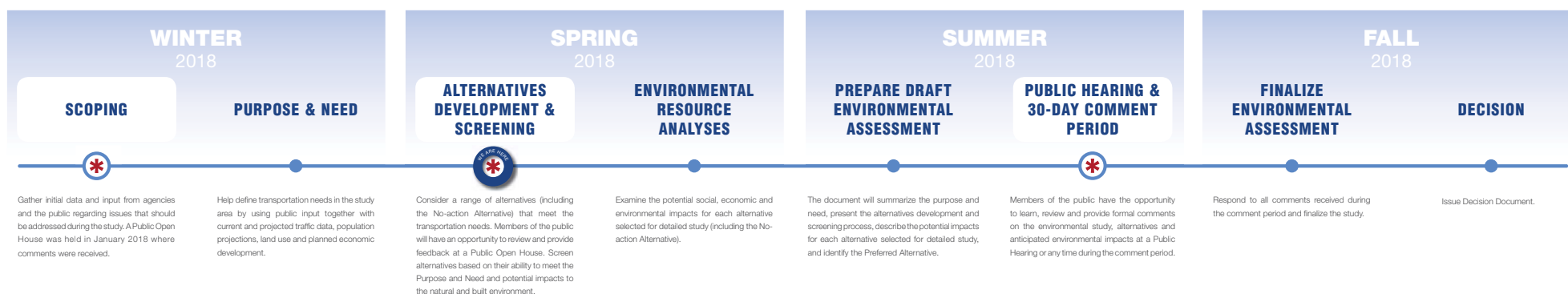
2040 AM Peak Hour Average Speed

ALTERNATIVE 3





ENVIRONMENTAL PROCESS



STAY INVOLVED THROUGHOUT THE STUDY PROCESS

Public meetings and opportunity to comment at key milestones



SOCIAL SURVEY

Local Community Social Survey

- ◇ Survey will be distributed to residential neighborhoods located within 2-3 blocks adjacent to northbound I-15 within the study area.
- ◇ Random samples of households will be selected for survey participation.
- ◇ Questions will focus on neighborhood social conditions and residents' views about potential project effects for their families and neighborhoods.
- ◇ Door-to-door survey delivery and retrieval will take place in May.



RIGHT-OF-WAY PROCESS

(PROPERTY ACQUISITION)

The right-of-way acquisition process consists of the following steps:

- 1. Identification** – The study team will identify what property will be needed to construct the selected alternative.
- 2. Contact** – Property owners will be contacted directly if their property is identified as a full or partial acquisition.
- 3. Valuation** – Right-of-way professionals will estimate the value of property.
- 4. Acquisition** – Right-of-way professionals will work closely with the property owner to acquire needed property at fair market value.



RELOCATION BENEFITS

Owner occupants

- ◇ Replacement housing payment
- ◇ Incidental expenses
- ◇ Mortgage interest differential payment

Tenants

- ◇ Rental assistance payment (can be used as down payment on a home)

Owner occupants and tenants may qualify for financial assistance associated with moving costs. Meet with a project representative for more information about the benefits.



WE WANT YOUR INPUT

Comments should be clear, concise and relevant to the transportation issues and needs in the study area. Comments can be submitted at this open house, or via phone, email, website or mail through **May 16**.

801-747-9950

i15northbound@utah.gov

udot.utah.gov/i15northbound