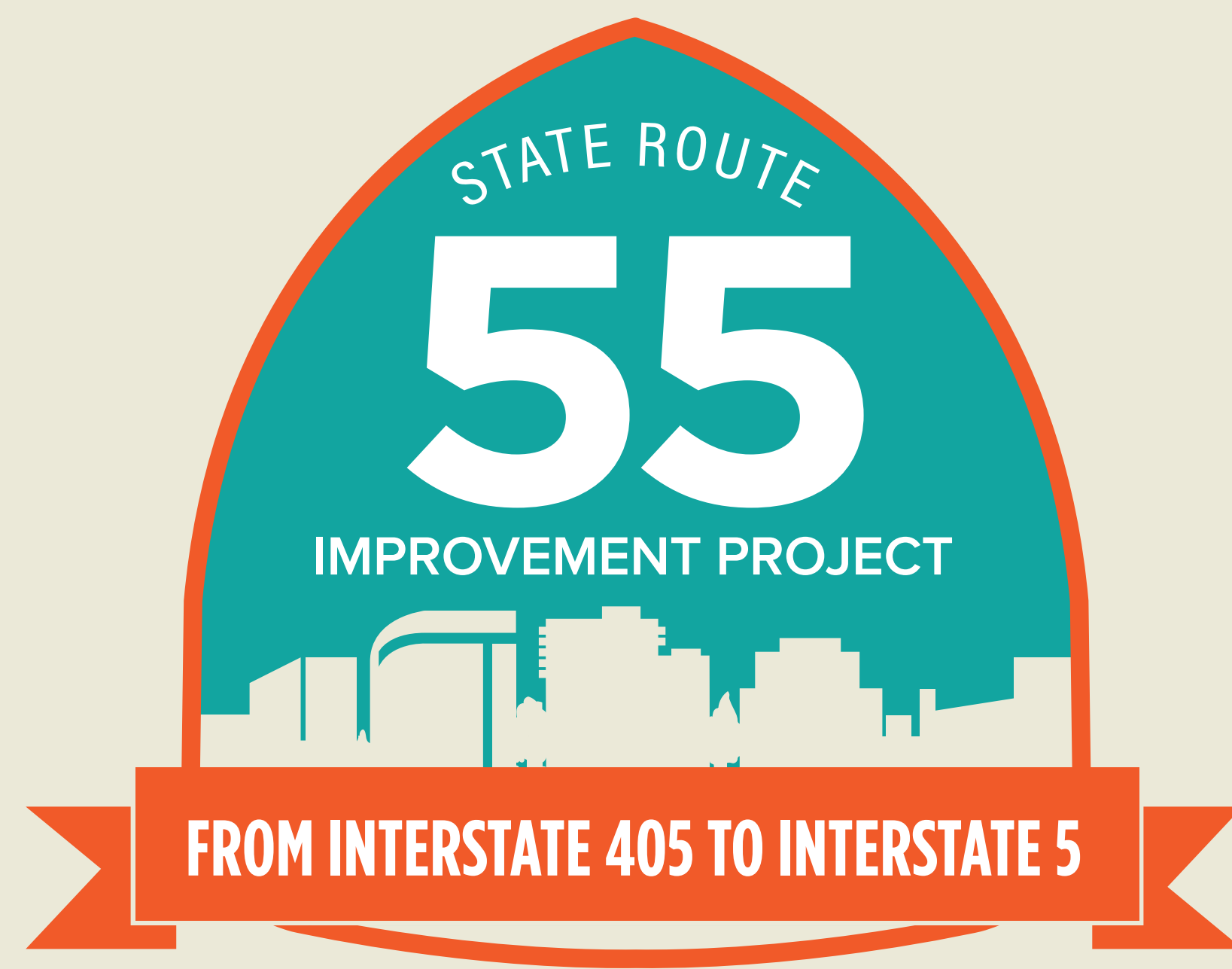


# WELCOME

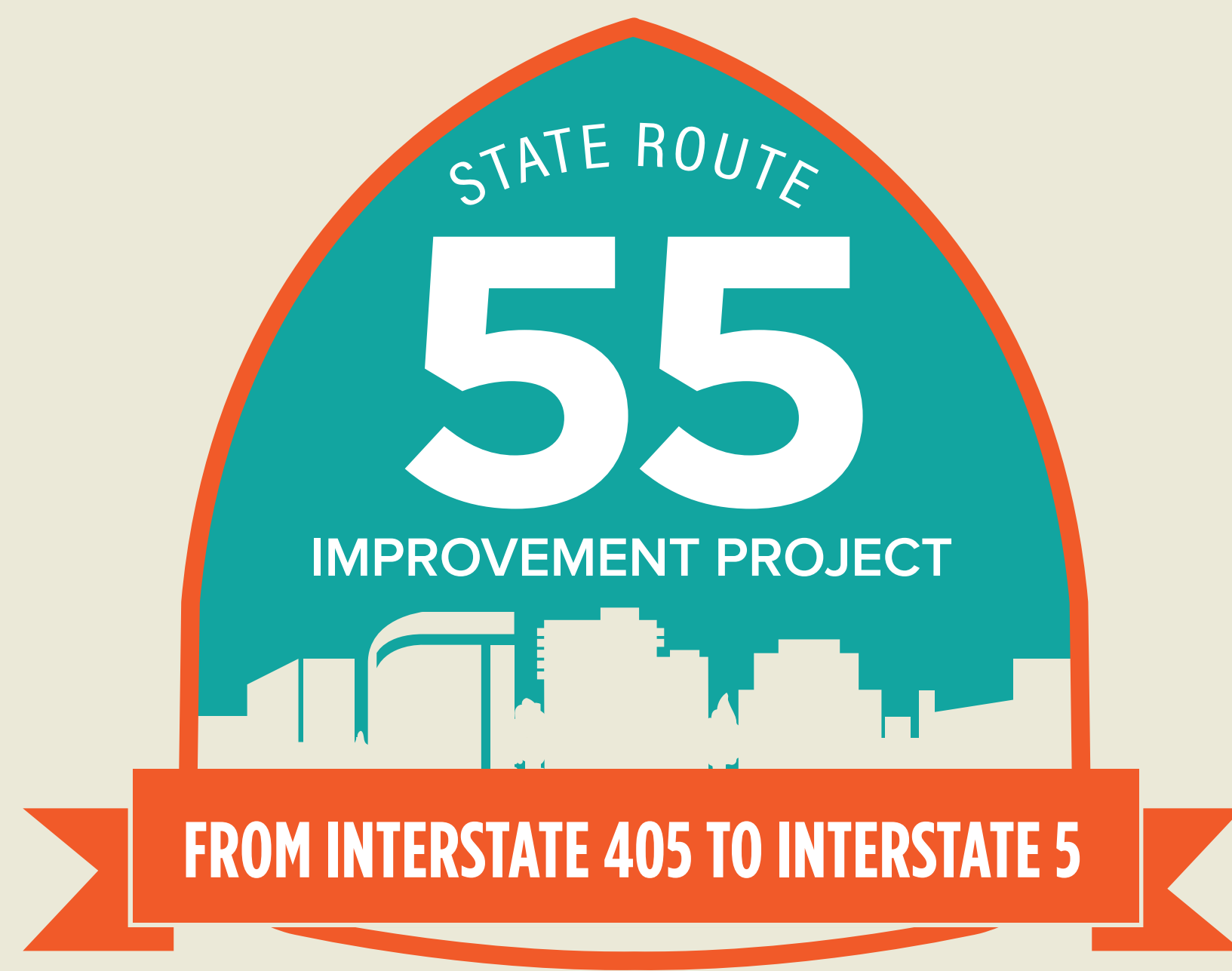
**PUBLIC MEETING**

**6-8 P.M. DECEMBER 10, 2015**



## STAY CONNECTED

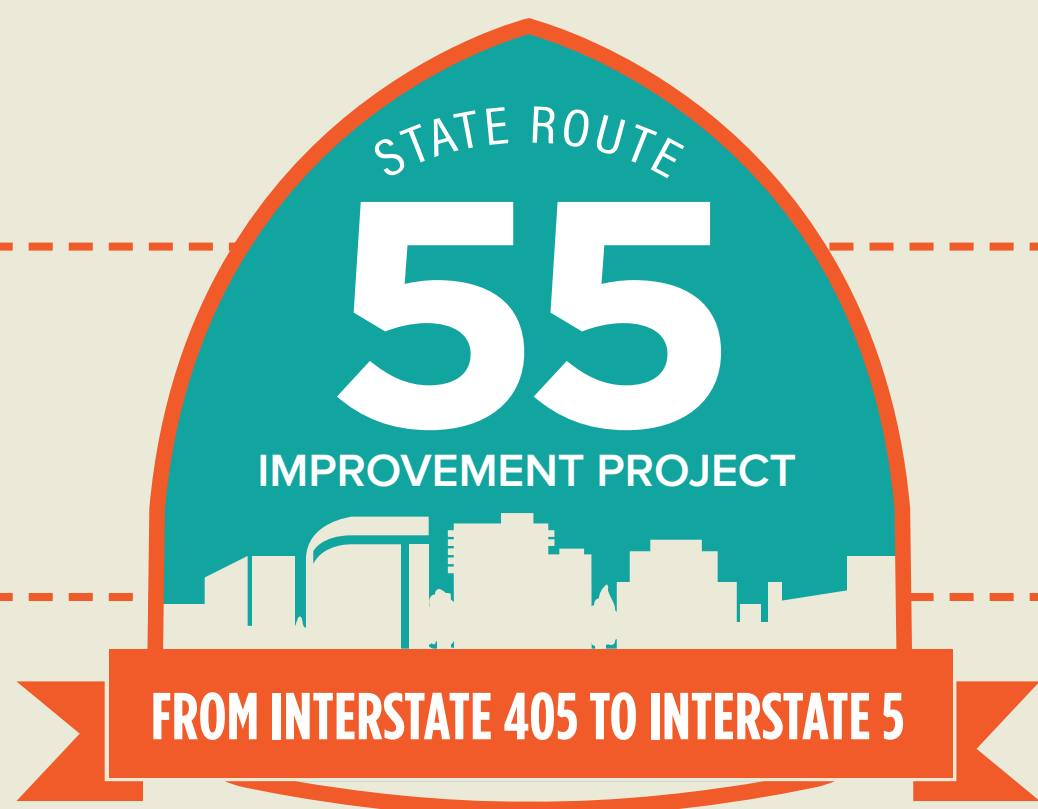
- Learn more online at [www.dot.ca.gov/dist12/DEA/SR55IMPROV](http://www.dot.ca.gov/dist12/DEA/SR55IMPROV) or [www.octa.net/SR55](http://www.octa.net/SR55)
- Submit comments to [D12SR55ImprovementProject@dot.ca.gov](mailto:D12SR55ImprovementProject@dot.ca.gov) or to Charles Baker, Caltrans District 12, 3347 Michelson Drive, Suite 100, Irvine, CA 92612-1692
- Sign up for project alerts at [octa.net/SR55](http://octa.net/SR55)
- Follow the project on social media at [facebook.com/SR55Project](https://facebook.com/SR55Project) and on Twitter [@SR55Project](https://twitter.com/SR55Project)
- Questions? Call Outreach Manager Chris Boucly at [714-560-5326](tel:714-560-5326)



# INTRODUCTION

**PROJECT PARTNERS**

**PURPOSE OF PUBLIC MEETING**



# PROJECT PARTNERS



## LEAD AGENCY AND FACILITY OWNER

Lead Agency under California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA); Oversees compliance with CEQA and NEPA, and provides ultimate approval of environmental documents and preferred alternative.

[www.dot.ca.gov](http://www.dot.ca.gov)



## PROJECT SPONSOR

Responsible Agency under CEQA; Funds and manages the Project Approval/ Environmental Document (PA/ED) phase consistent with Measure M.

[www.octa.net](http://www.octa.net)

## PROJECT PARTNERS



City of Irvine

[www.cityofirvine.org](http://www.cityofirvine.org)



City of Santa Ana

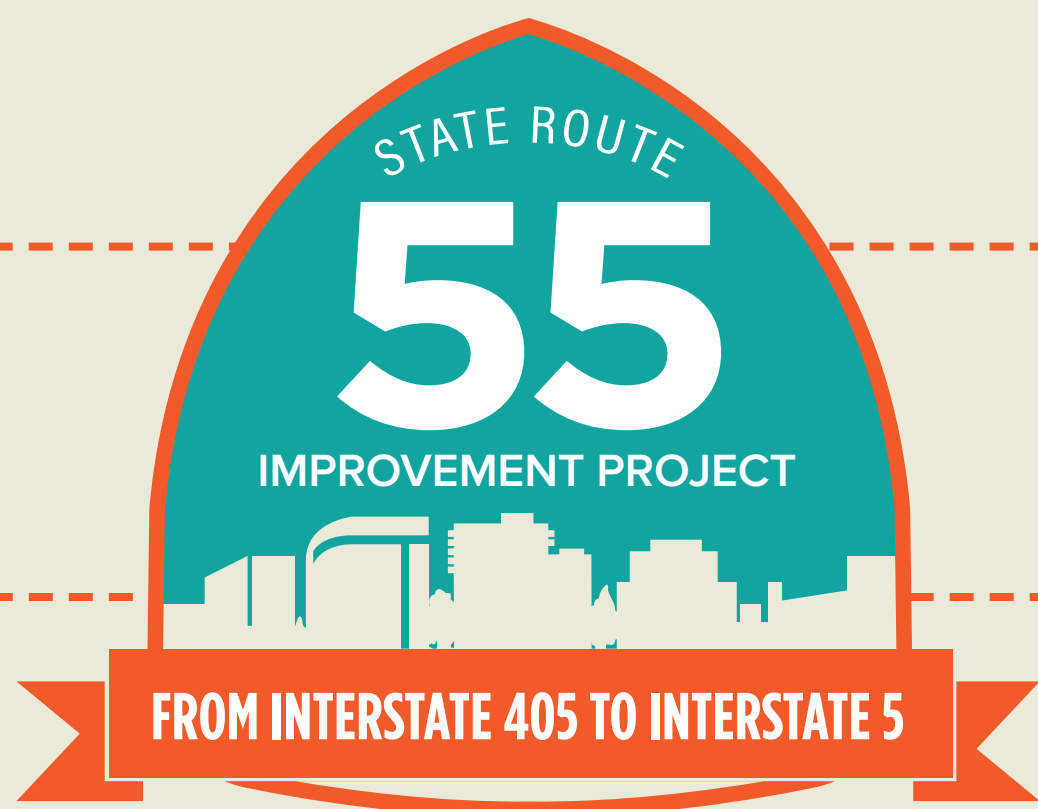
[www.ci.santa-ana.ca.us](http://www.ci.santa-ana.ca.us)



City of Tustin

[www.tustinca.org](http://www.tustinca.org)





# PURPOSE OF PUBLIC MEETING

**INFORM** the public of the improvement project and of the availability of the Initial Study with Proposed Mitigated Negative Declaration/Environmental Assessment (IS/EA)

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**HIGHLIGHT** the project area and the alternatives under consideration

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**SUMMARIZE** the environmental findings

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**DISCUSS** proposed noise barriers

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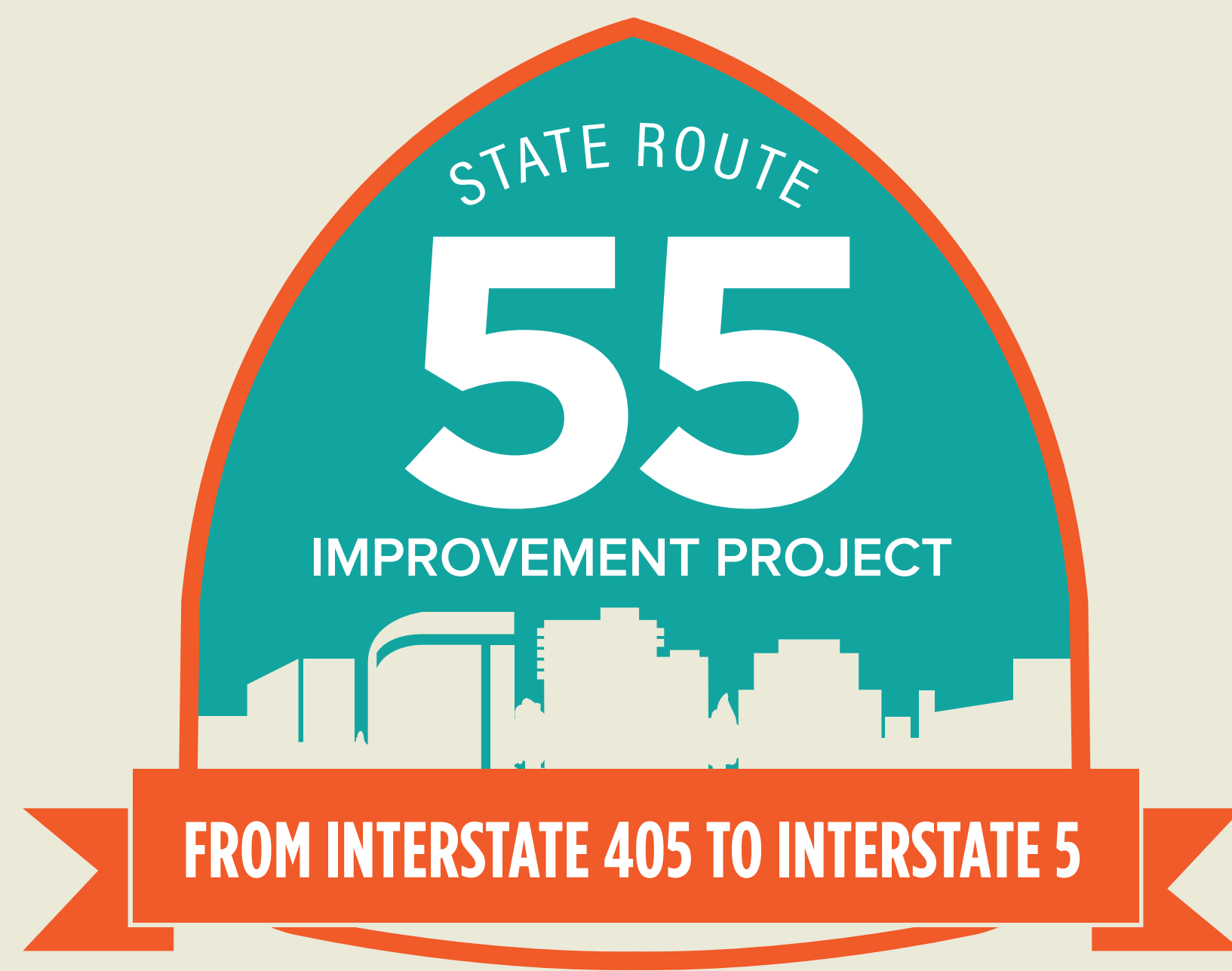
**EXPLAIN** the purchase of land for right of way and construction

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**PROVIDE** an opportunity for the public to comment on the IS/EA

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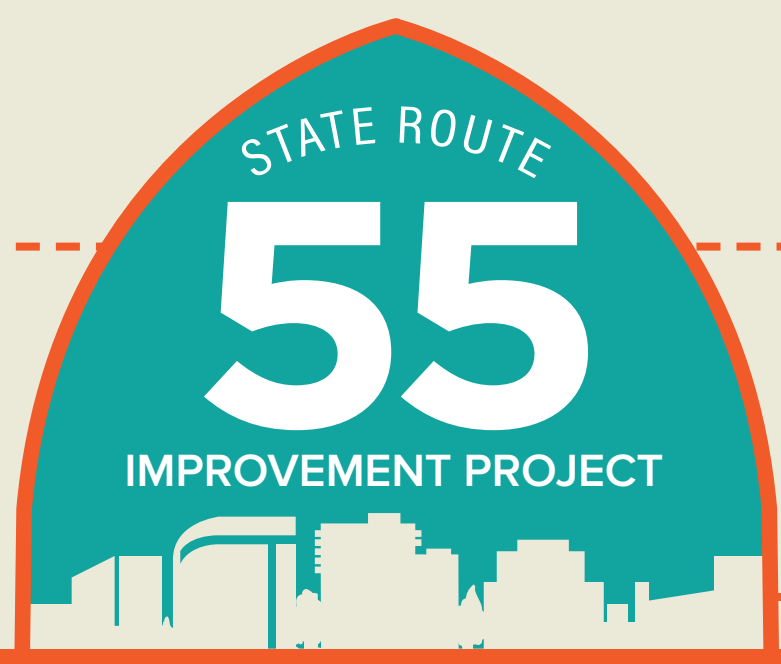
**INVITE** the public to sign up for future alerts about the project



# ABOUT THE PROJECT

**PROJECT DETAILS**

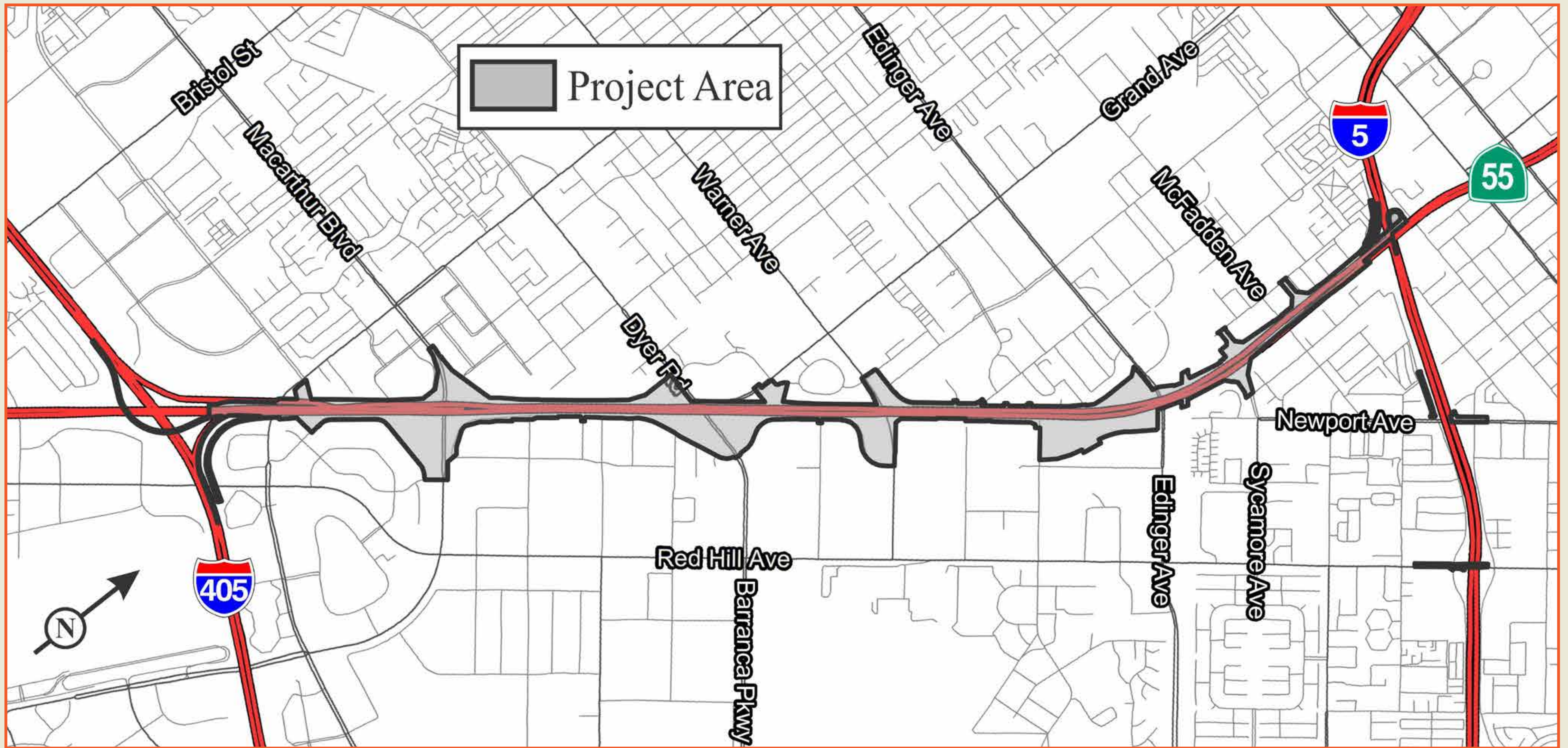
**ALTERNATIVES**



FROM INTERSTATE 405 TO INTERSTATE 5

# PROJECT DETAILS

## MAP OF PROJECT AREA



## PURPOSE AND NEED

The purpose of the proposed project is to:

- Improve mobility and reduce congestion;
- Improve traffic operations; and
- Increase capacity.

The project is needed due to:

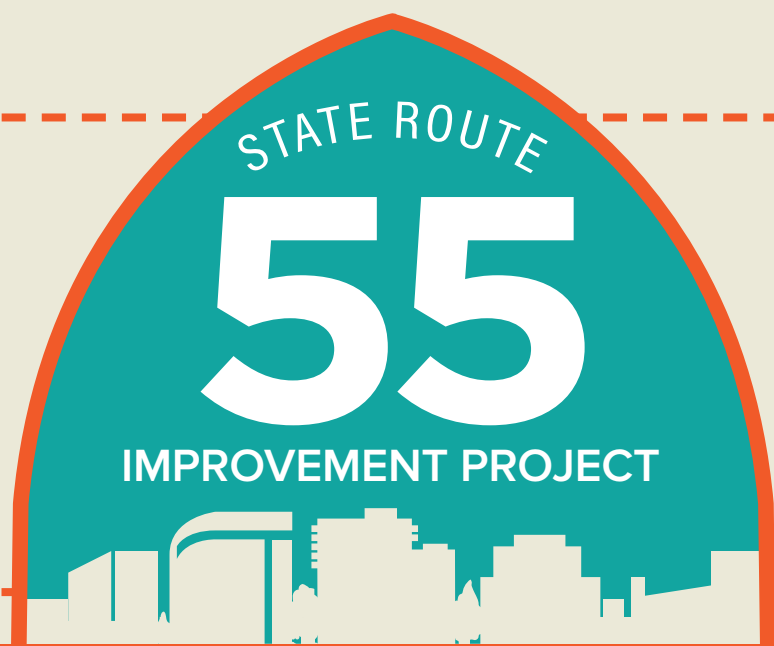
- Limited available lane capacity during peak periods;
- Inadequate merging distances as a result of closely spaced on- and off-ramps along the freeway mainline; and
- Non-standard lane and shoulder widths at some locations.

## ESTIMATED SCHEDULE

- Draft Environmental Document (Public review period and public meeting): **Late 2015**
- Environmental Clearance and Approval: **Mid-2016**
- Final Design and Right of Way: **Late 2016 to Mid-2019**
- Construction: **Mid-2019 to Mid-2022**

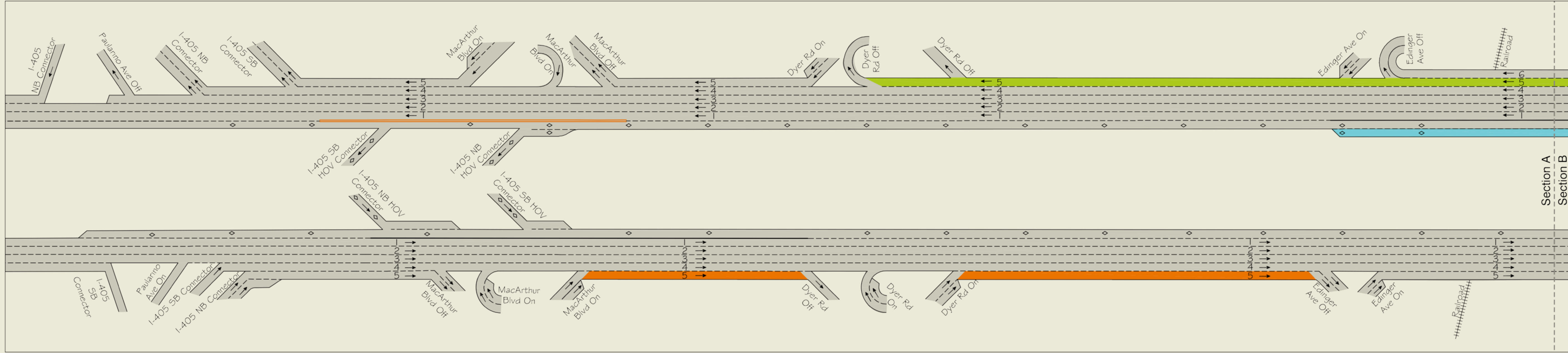
## ESTIMATED COST

- Ranges from approximately **\$127.1 million** to **\$250.8 million**, depending on Alternative

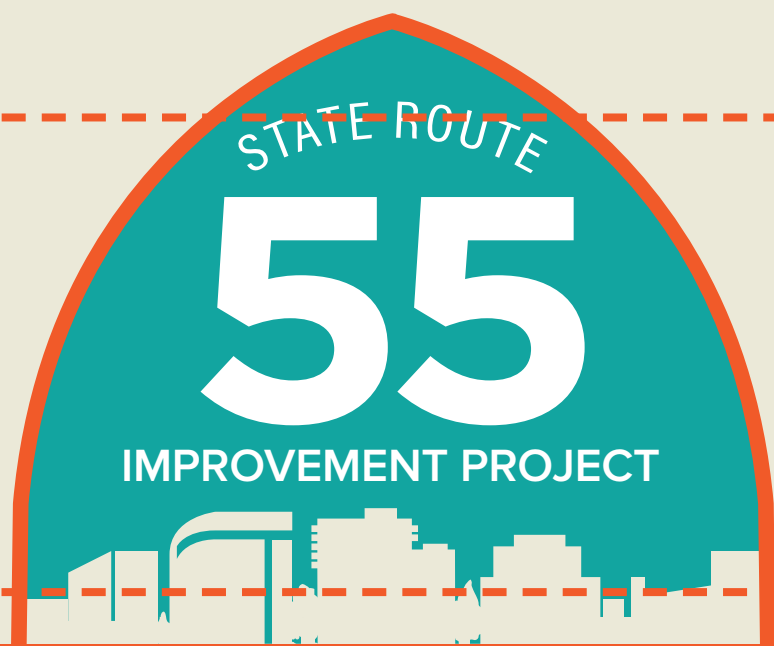


FROM INTERSTATE 405 TO INTERSTATE 5

# ALTERNATIVE 1: ADDITIONAL AUXILIARY LANES AND SOUTHBOUND GENERAL-PURPOSE LANE

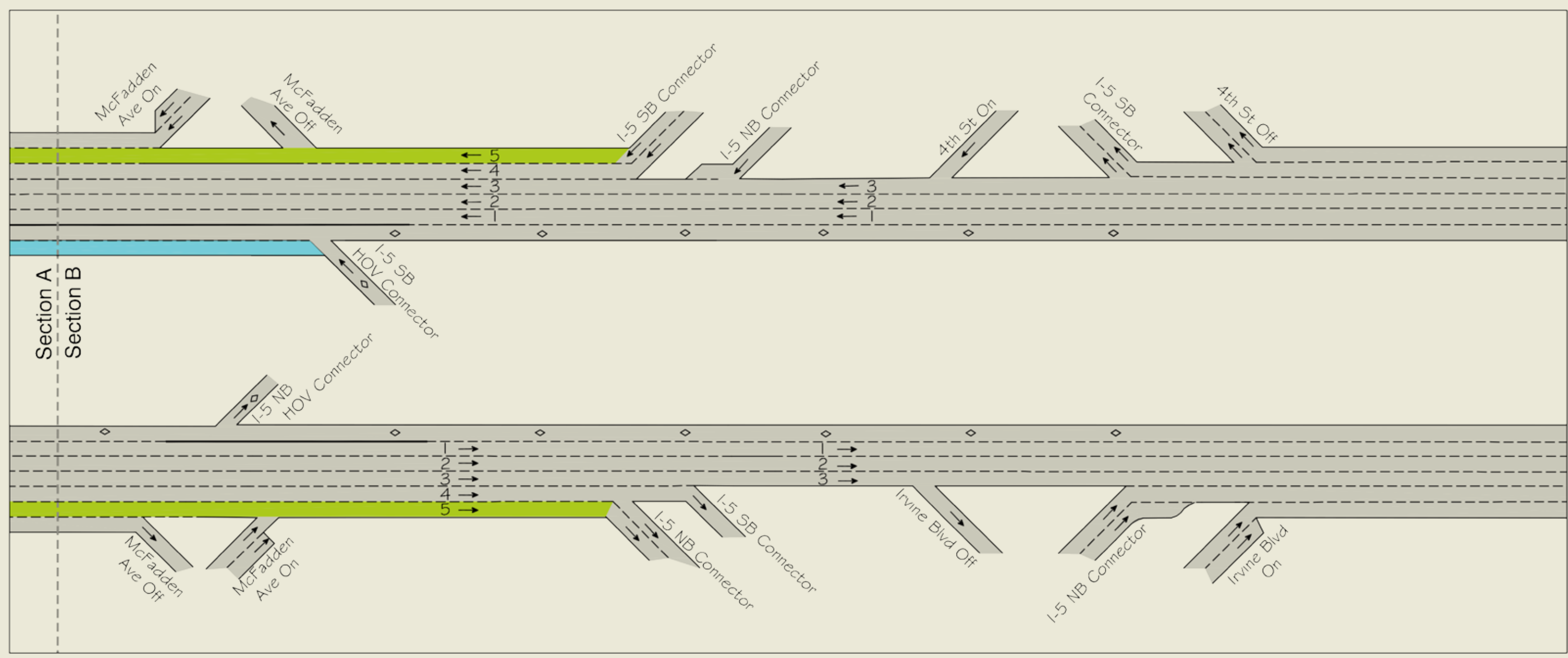
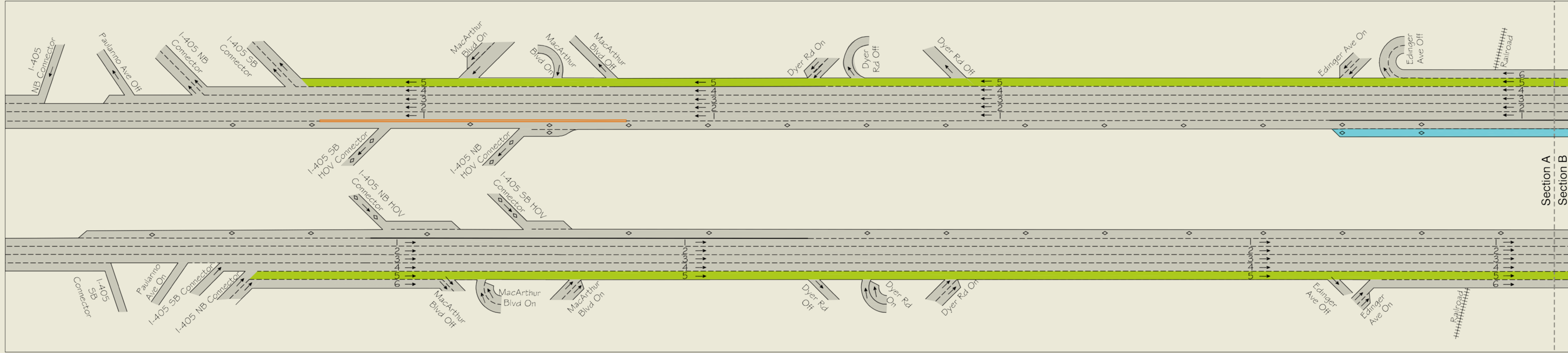






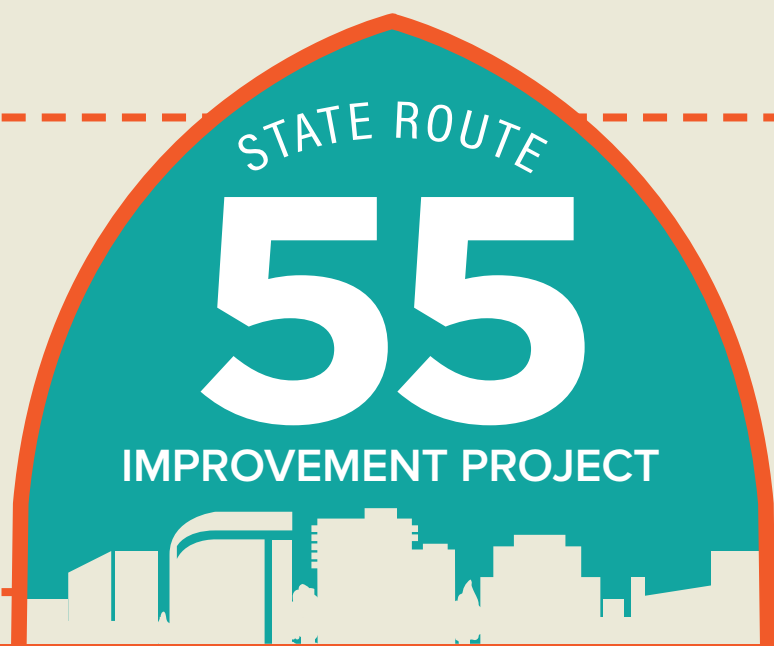
# ALTERNATIVE 2: NEW GENERAL-PURPOSE LANES

FROM INTERSTATE 405 TO INTERSTATE 5



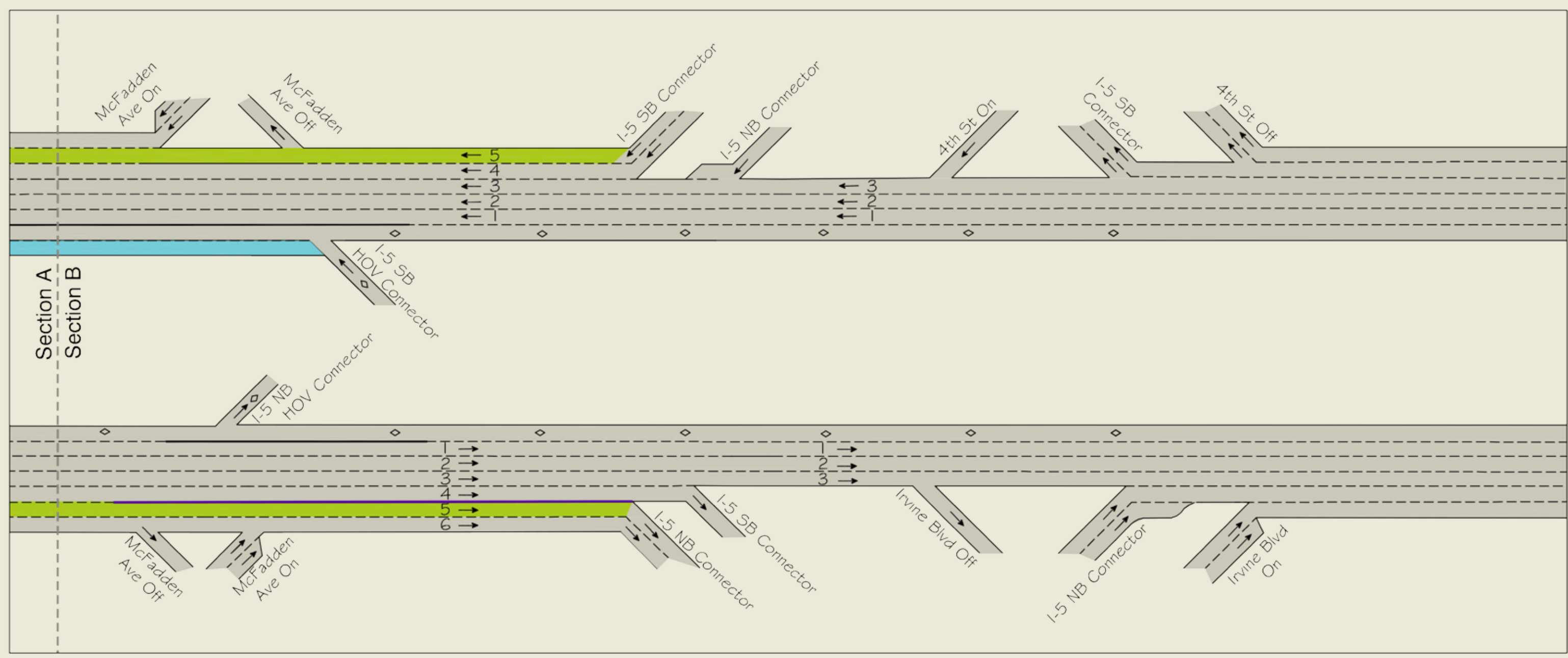
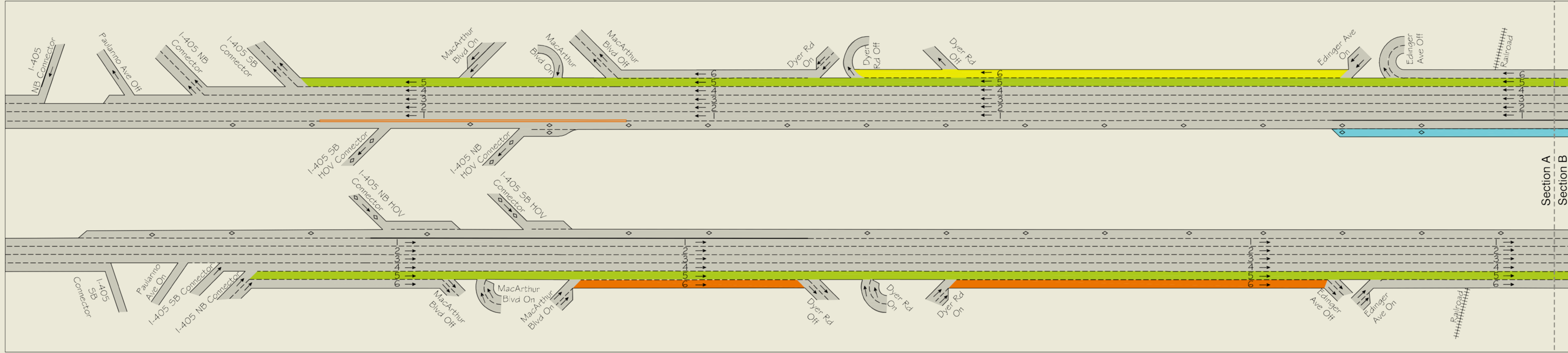
- LEGEND**
- - General Purpose Lane
  - ◇ - HOV Lane
  - (Green) - Proposed General Purpose Lane
  - (Blue) - Proposed HOV Lane
  - (Orange) - HOV Limited Access





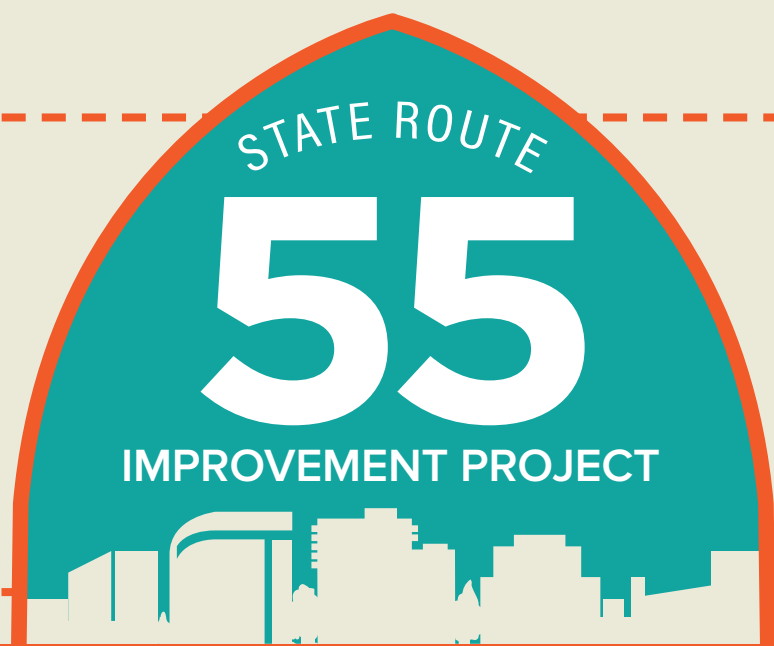
FROM INTERSTATE 405 TO INTERSTATE 5

# ALTERNATIVE 3: NEW GENERAL-PURPOSE LANES AND ADDITIONAL AUXILIARY LANES



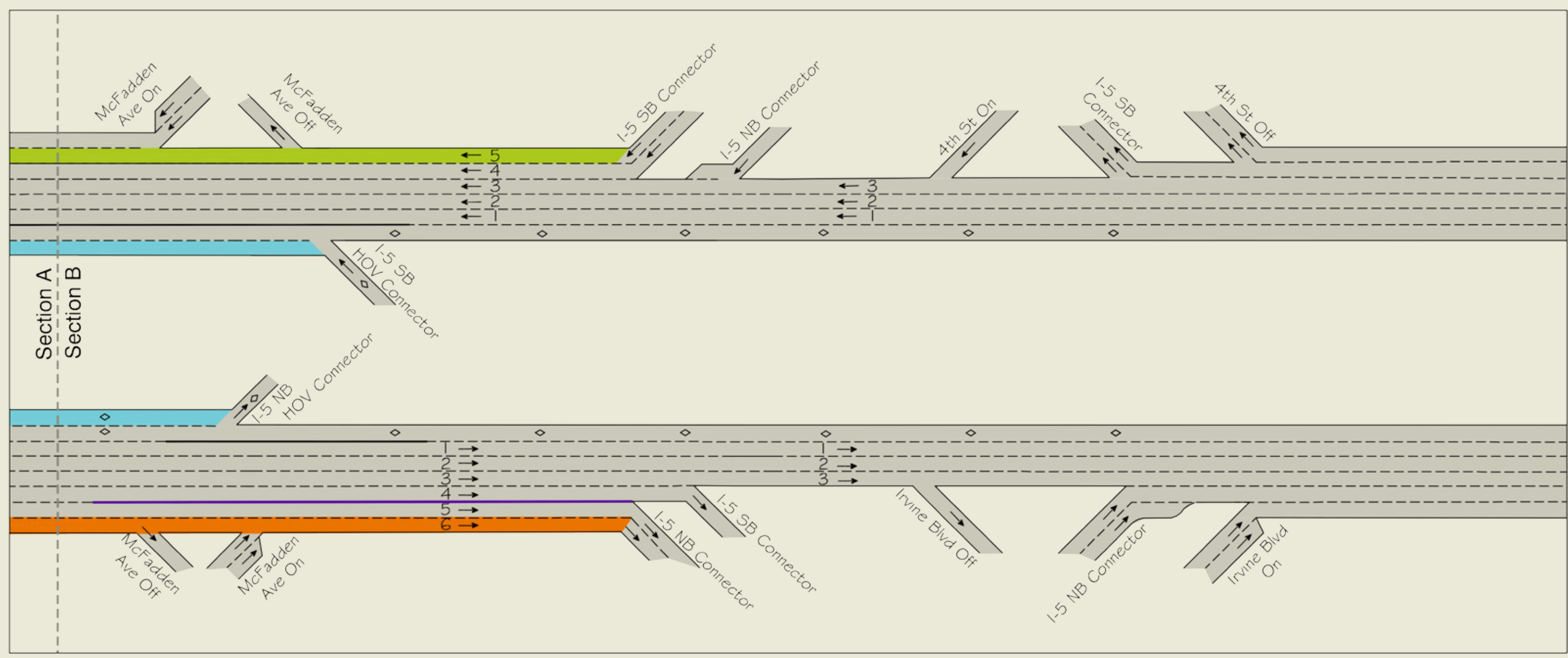
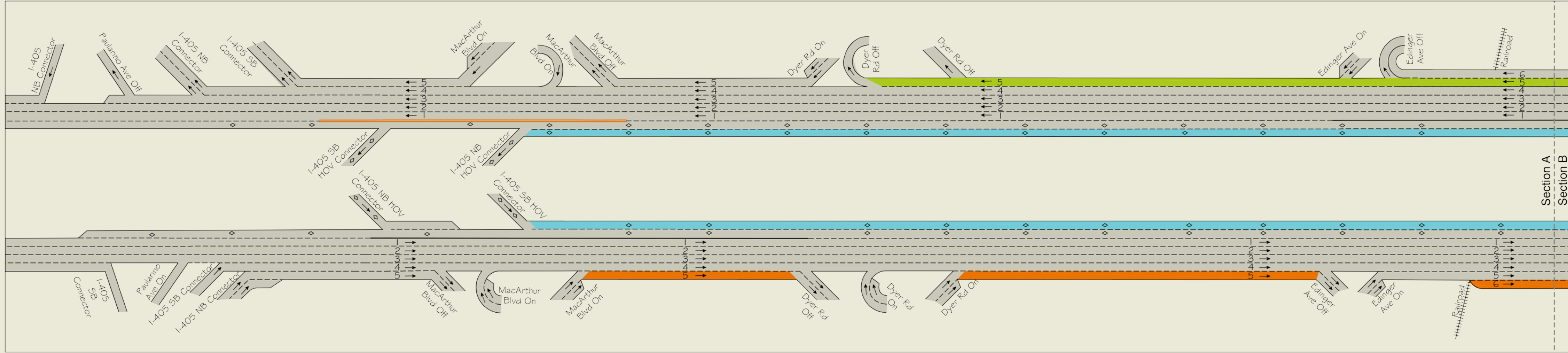
- LEGEND**
- - General Purpose Lane
  - ◊ - HOV Lane
  - (Green) - Proposed General Purpose Lane
  - (Orange) - Proposed Auxiliary Lane
  - (Blue) - Proposed HOV Lane
  - (Purple) - Separator
  - (Yellow) - Improvements by Other Project Completed in 2012
  - (Brown) - HOV Limited Access





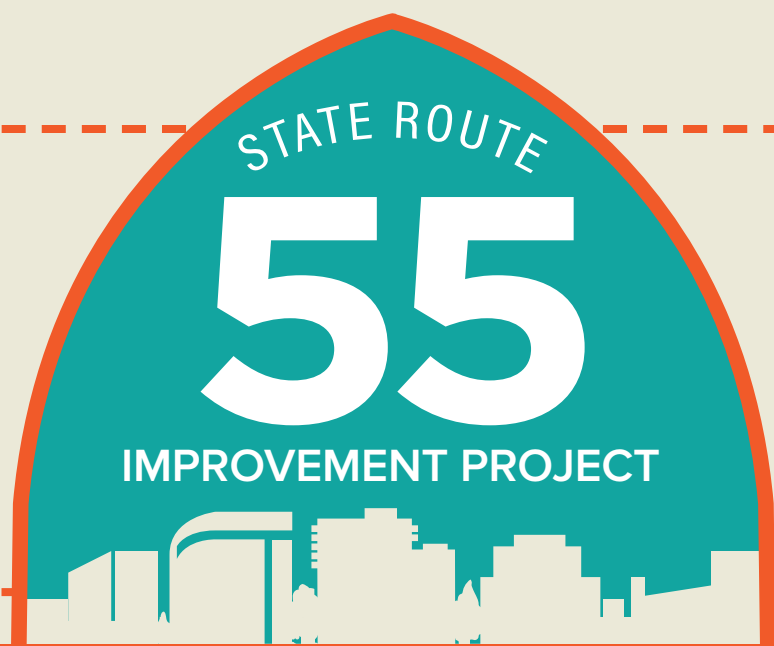
# ALTERNATIVE 4: NEW HOV LANES AND ADDITIONAL AUXILIARY LANES

FROM INTERSTATE 405 TO INTERSTATE 5



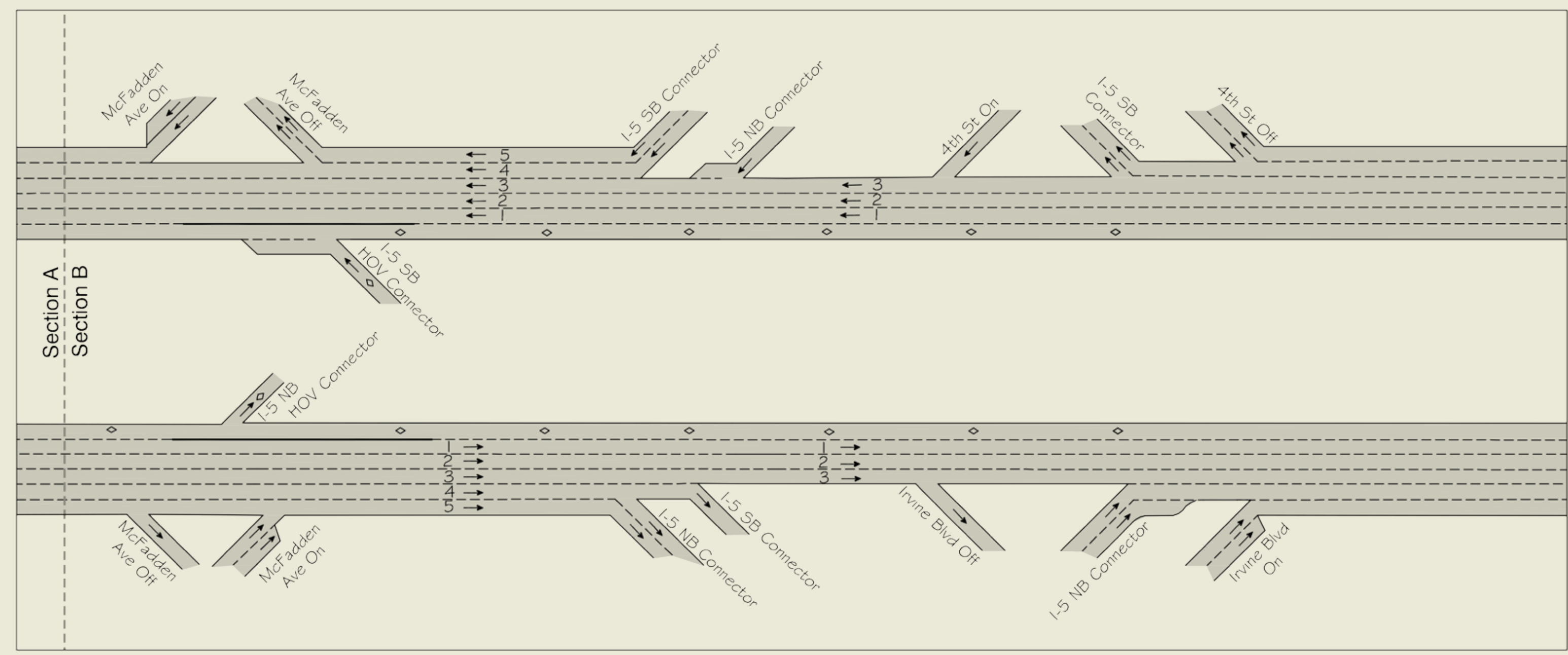
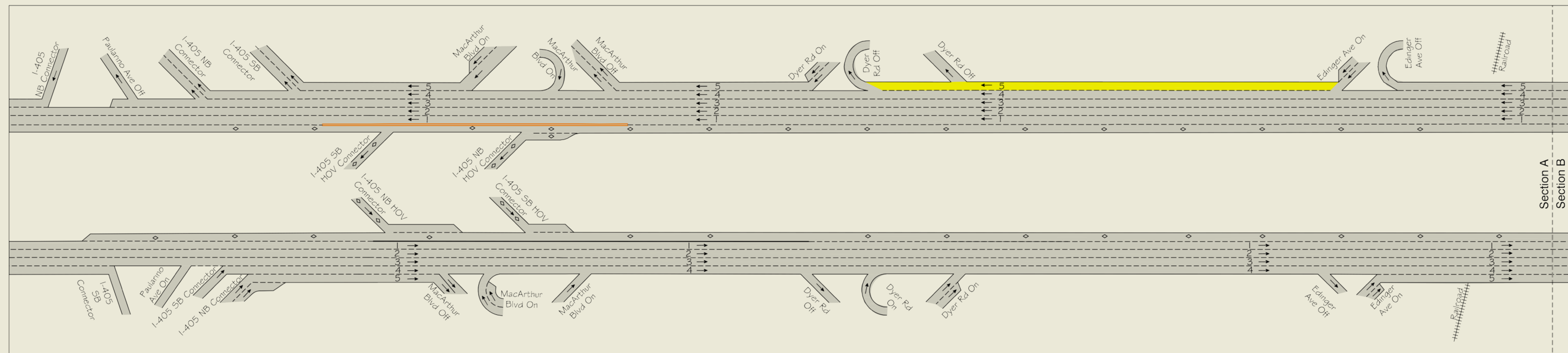
- LEGEND**
- - General Purpose Lane
  - ◇ - HOV Lane
  - (Green) - Proposed General Purpose Lane
  - (Orange) - Proposed Auxiliary Lane
  - (Blue) - Proposed HOV Lane
  - (Purple) - Separator
  - (Light Blue) - HOV Limited Access





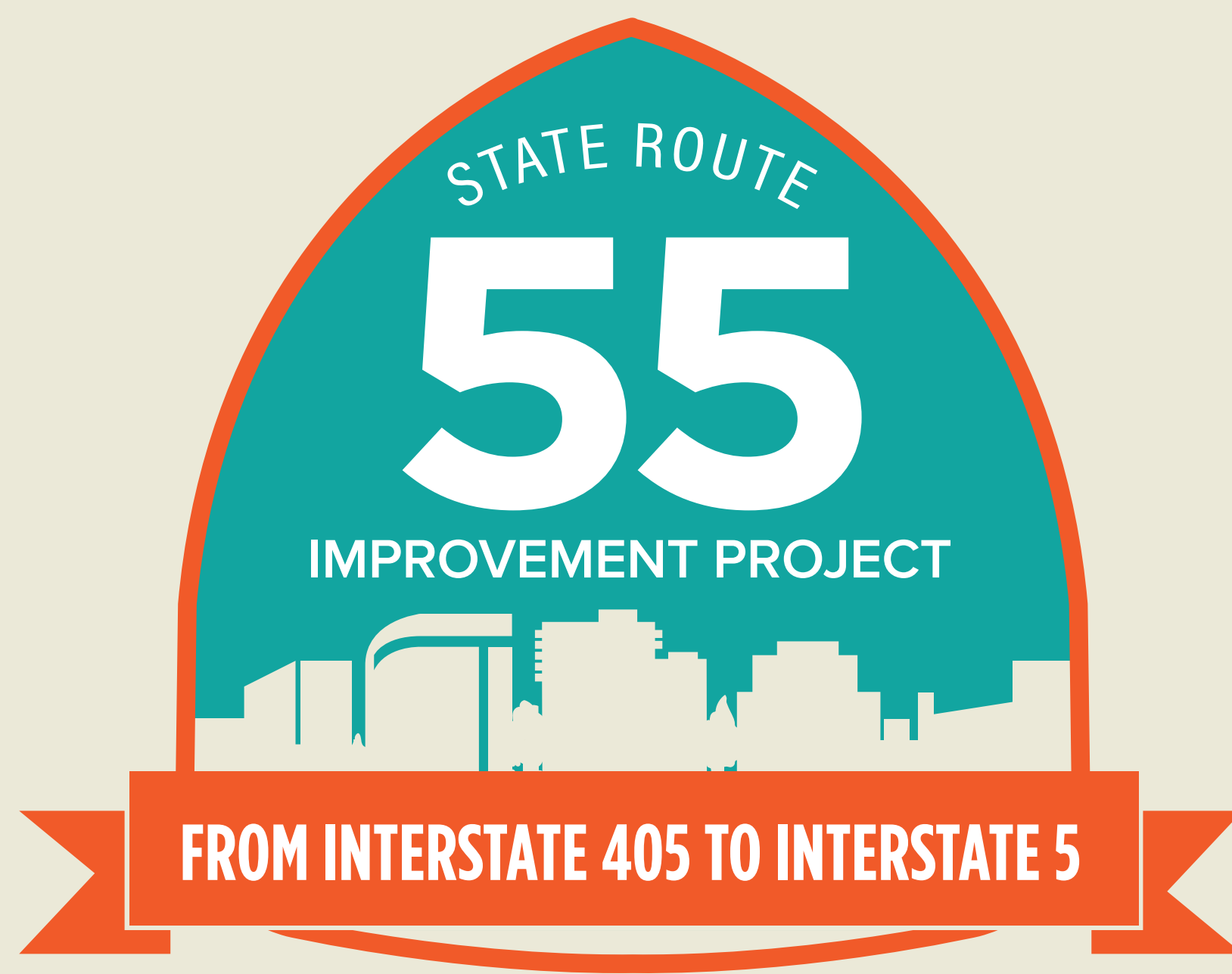
# NO BUILD ALTERNATIVE

FROM INTERSTATE 405 TO INTERSTATE 5



- LEGEND**
- - General Purpose Lane
  - ◇ - HOV Lane
  - (Yellow) - Improvements by Other Project Completed in 2012
  - (Orange) - HOV Limited Access

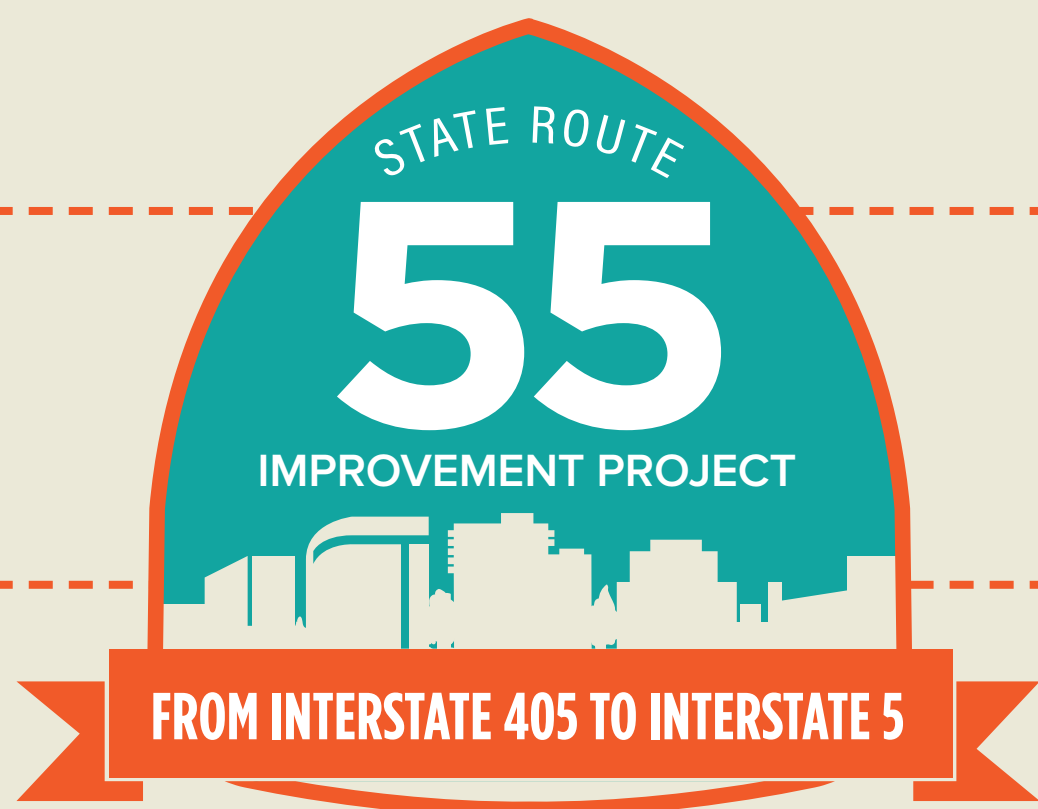




# ENVIRONMENTAL REVIEW

**TOPICS EVALUATED**

**REVIEW PROCESS**



# ENVIRONMENTAL TOPICS

Potential effects on physical, biological and human environments evaluated in the IS/EA include:

## PHYSICAL ENVIRONMENT

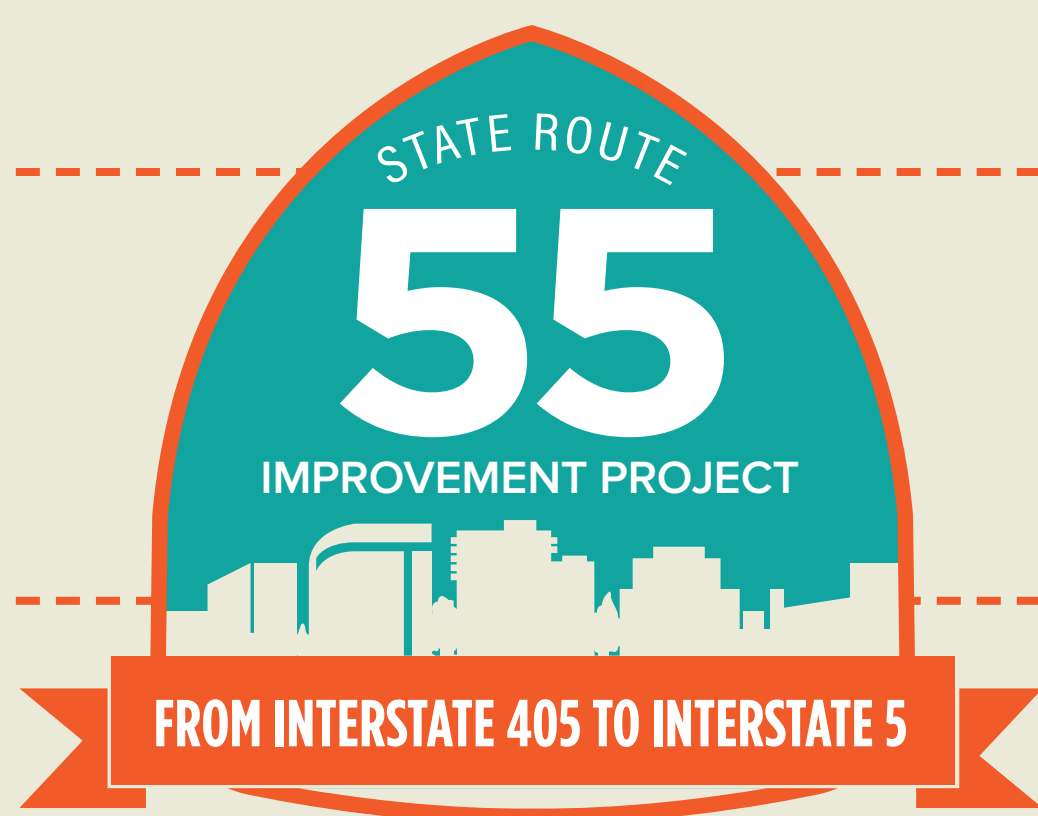


## BIOLOGICAL ENVIRONMENT



## HUMAN ENVIRONMENT

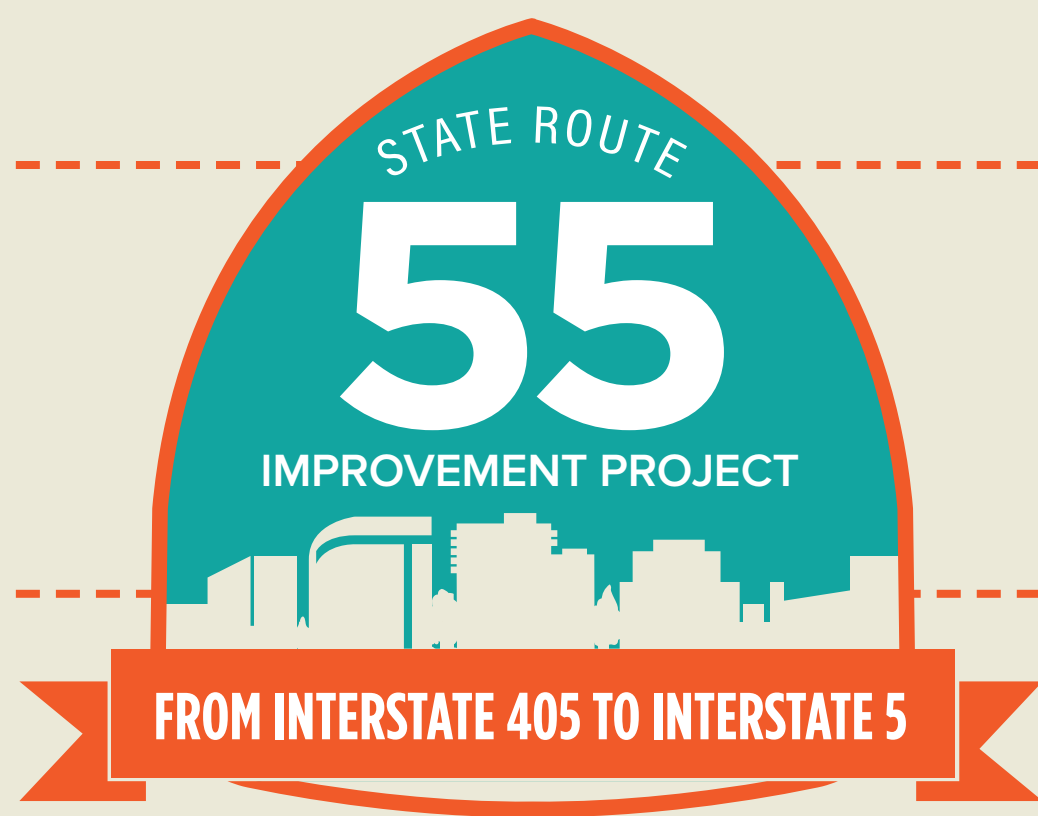




# REVIEW PROCESS

## PURPOSE OF CEQA AND NEPA

- 1.** Inform governmental decision makers and the public about potential environmental effects of proposed projects.
- 2.** Identify ways that environmental effects can be avoided and minimized.
- 3.** Reduce potentially significant environmental effects that can be avoided by implementing an alternative project design or by implementing mitigation measures when feasible.
- 4.** Disclose reasons why an agency selected a Preferred Alternative.
- 5.** Promote and encourage public participation.



# REVIEW PROCESS

## PUBLIC PARTICIPATION

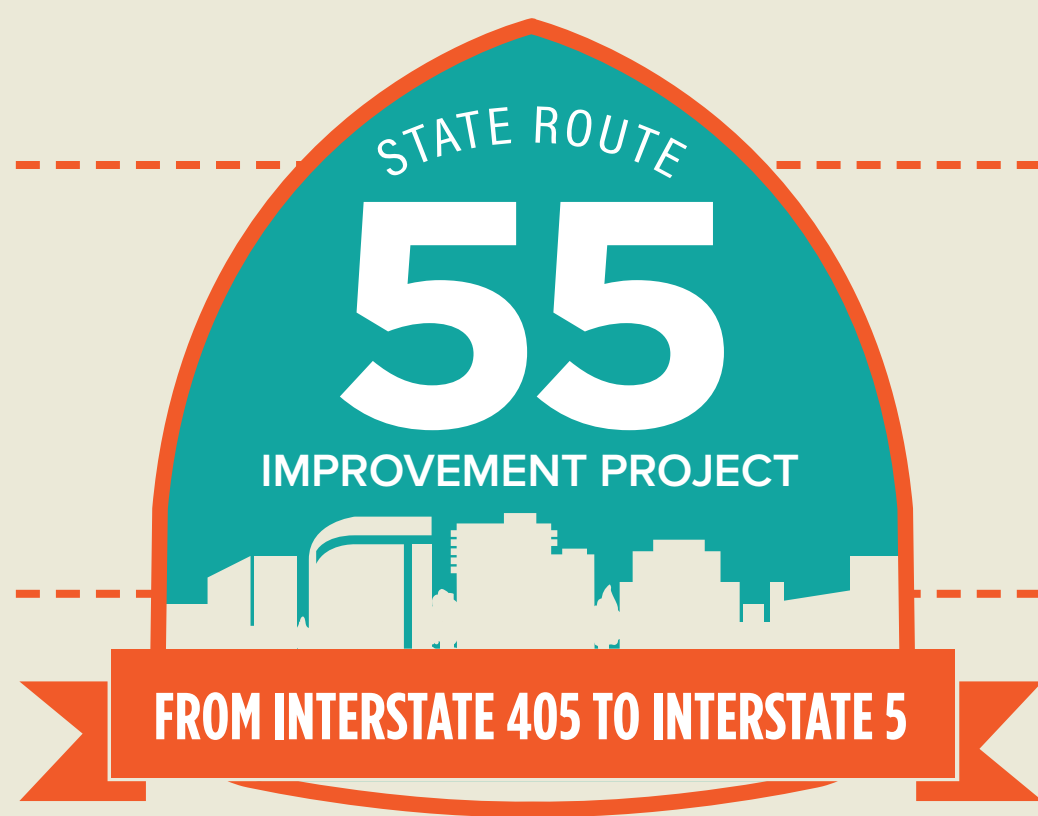
### CIRCULATION OF DRAFT ENVIRONMENTAL DOCUMENT

**CIRCULATION:** The public review period is 45 calendar days, from November 25, 2015 to January 8, 2016.

**PUBLIC MEETING:** During circulation, a public meeting is held for members of the public to learn about the project, the IS/EA and associated studies, to meet the project development team, and to ask questions and share comments about the IS/EA.

**PUBLIC COMMENT:** Comments received during the public review period will be included and addressed in the final environmental document.



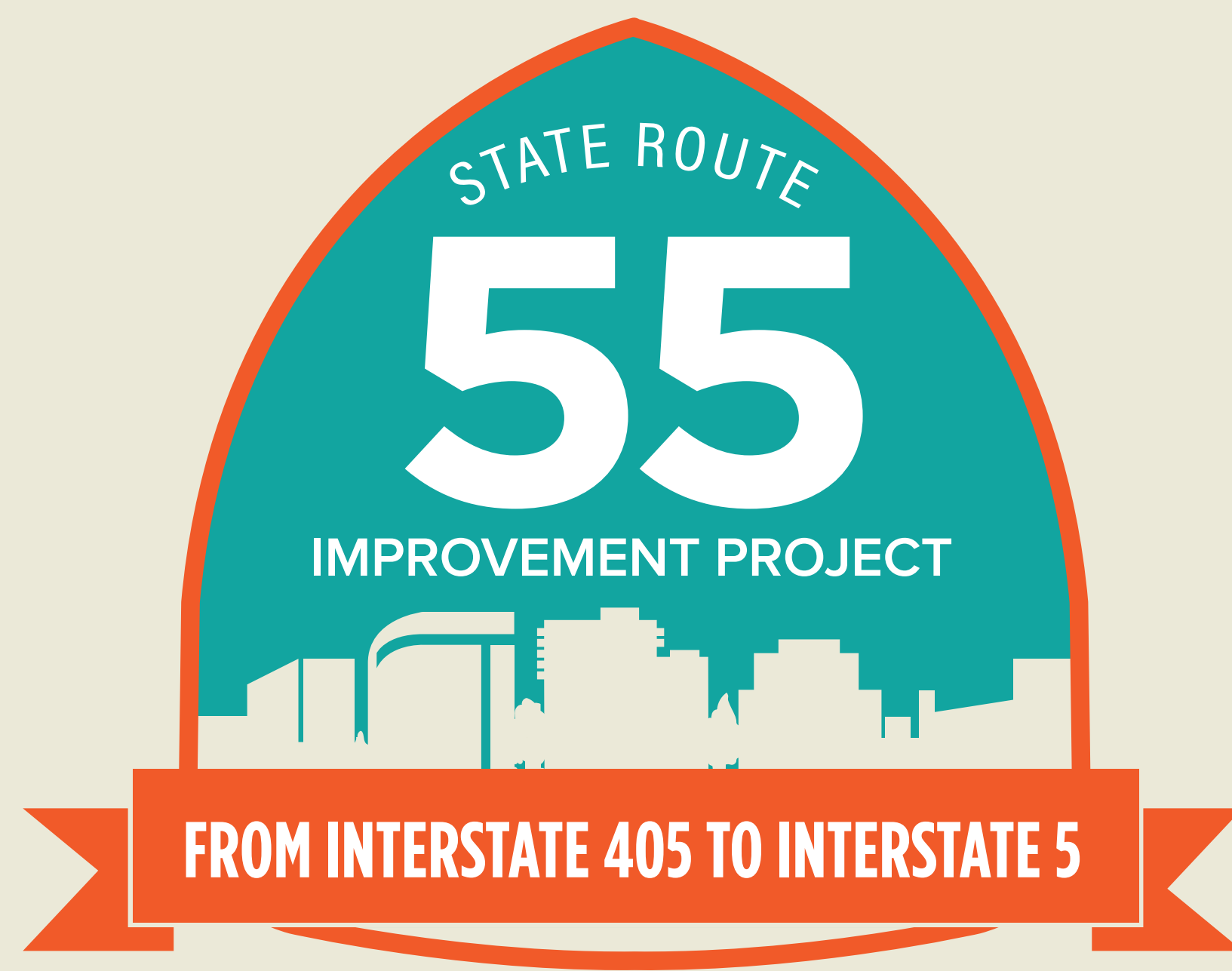


# REVIEW PROCESS

## MILESTONES AND NEXT STEPS

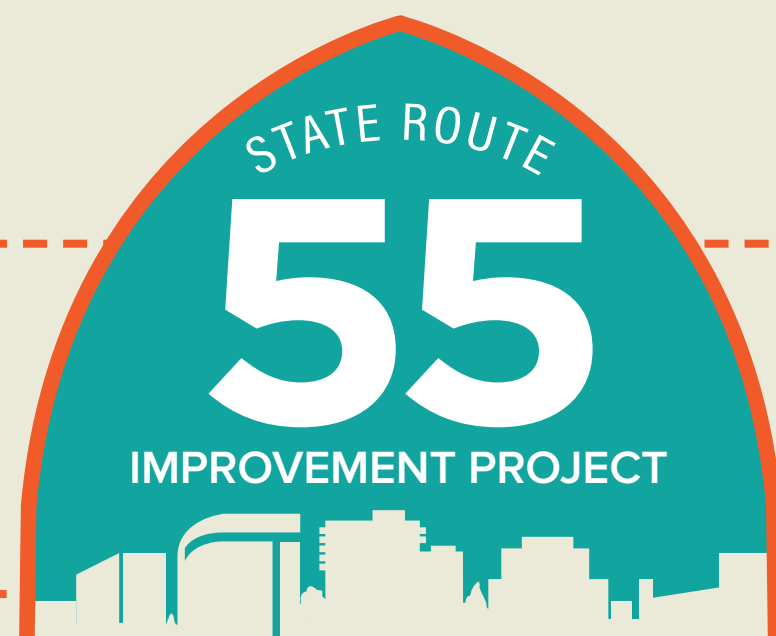
**IDENTIFY PREFERRED ALTERNATIVE:** The Project Development Team will recommend a Preferred Alternative. Caltrans ultimately is responsible for approval of the final environmental document and selection of the Preferred Alternative.

**FINAL ENVIRONMENTAL DOCUMENT:** The IS/EA will be revised to include identification of the Preferred Alternative and to document public review, including comments received during the public review period. The final environmental document is anticipated to result in a Mitigated Negative Declaration (MND)/Finding of No Significant Impact (FONSI), under CEQA and NEPA respectively.



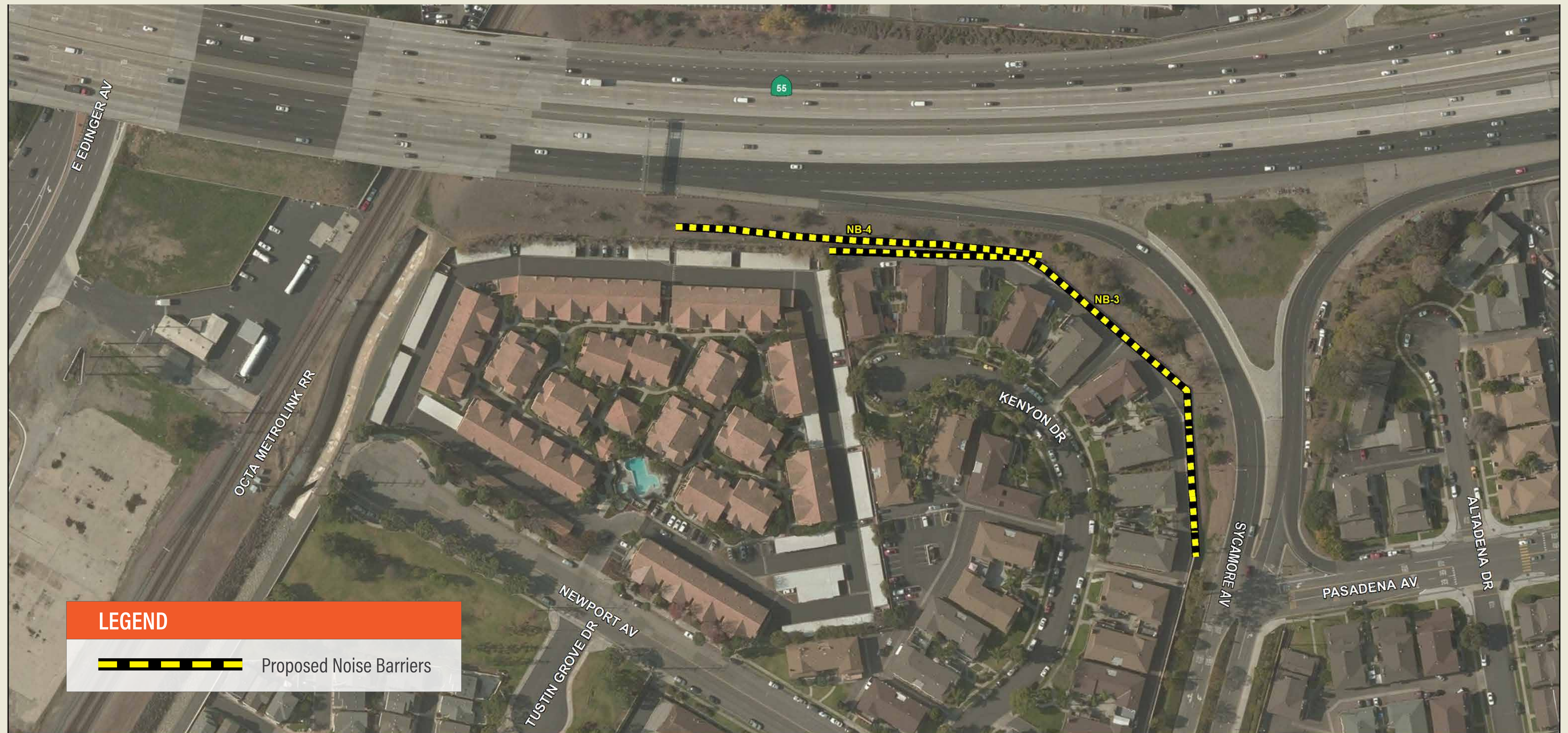
# NOISE BARRIERS

## PROPOSED LOCATIONS



FROM INTERSTATE 405 TO INTERSTATE 5

# PROPOSED LOCATIONS



## LEGEND

 Proposed Noise Barriers