

State of Hawaii Department of Transportation

Ala Moana Boulevard Drainage Repair, Vicinity of Queen Street to Vicinity of Piikoi Street

Washington Middle School
July 13, 2017



Ala Moana Boulevard Drainage Repair, Vicinity of Queen Street to Vicinity of Piikoi Street

Public Information Meeting Agenda

- Need for the Project
- Construction Scope of Work
- Community Noise Variance Application
- Questions and Answers



Ala Moana Boulevard Drainage Repair, Vicinity of Queen Street to Vicinity of Piikoi Street

Project Area





Ala Moana Boulevard Drainage Repair, Vicinity of Queen Street to Vicinity of Piikoi Street

Project Purpose

Replace the deteriorated top slab of the existing concrete double cell box culvert.



Example of a Double Cell Box Culvert



Ala Moana Boulevard Drainage Repair, Vicinity of Queen Street to Vicinity of Piikoi Street

Current Condition of Box Culvert Top Slab





Ala Moana Boulevard Drainage Repair, Vicinity of Queen Street to Vicinity of Piikoi Street

What to Expect?

Proposed Schedule

Target Start Date	<i>September 1, 2017</i>
Target Completion	<i>February 28, 2018</i>

Proposed Time of Construction Activities:

Monday to Friday

Working Hours: 7:00 A.M. to 6:00 P.M.

Closures of two lanes total allowed between 8:30 A.M. to 3:00 P.M.

Saturday to Monday (up to 6 total weekends)

Working Hours: 5:00 A.M. Saturday to 7:00 A.M. Monday

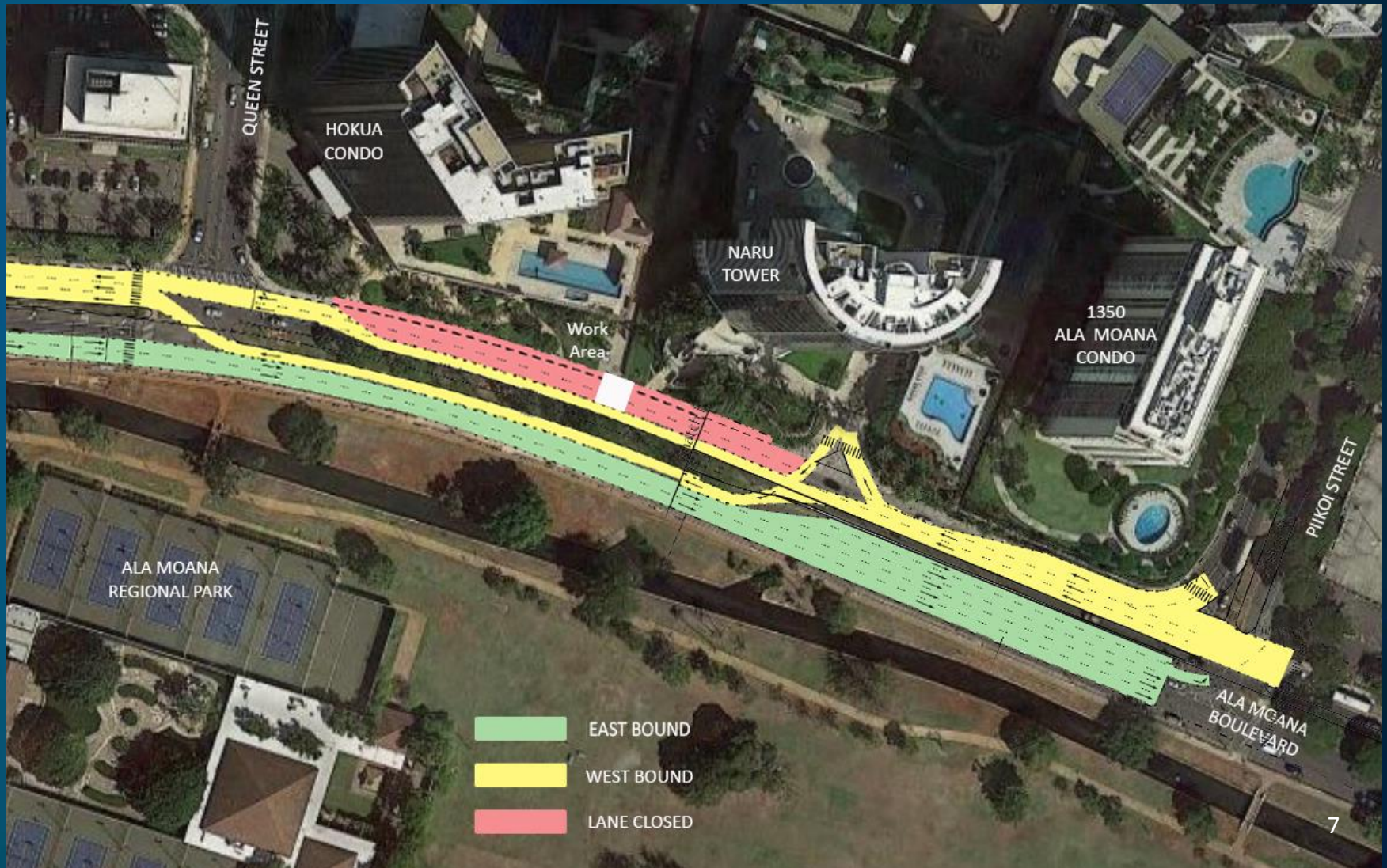
Closures of three lanes total allowed up until 5:00 a.m. Monday morning

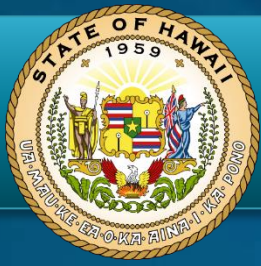


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Week Day Lane Closures (Monday – Friday)

Up to 2 Lanes Closed (8:30 a.m. to 3:00 p.m.)





Ala Moana Boulevard Drainage Repair, Vicinity of Queen Street to Vicinity of Piikoi Street

Week Day Lane Closures (Monday – Friday)

Construction Scope of Work

Day Work (7:00 a.m. to 6:00 p.m.)

- Install Best Management Practices (BMPs) for median work
- Close adjacent east-bound/west-bound median lanes for median work
- Modify grassed median to facilitate contraflow lane opening
- Install *temporary* bracing of box culvert walls / deck
- Install BMPs before removal of top slab
- Sawcutting portions of the culvert

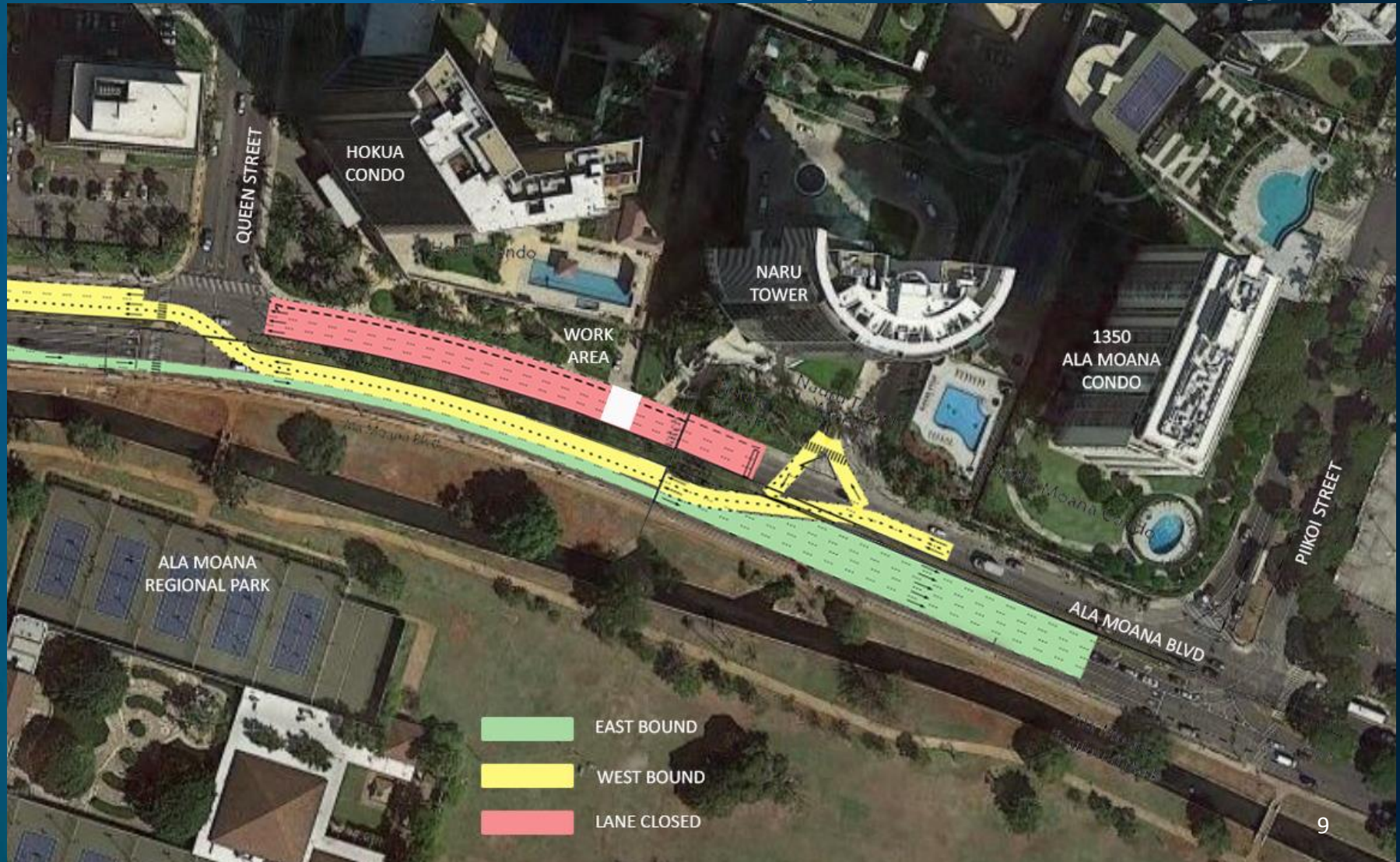
Repeat sequence above for west-bound lanes, middle section, and east-bound lanes.



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Weekend Lane Closures (Saturday – Monday)

3 Lanes Closed (5:00 a.m. Saturday to 5:00 a.m. Monday)





Ala Moana Boulevard Drainage Repair, Vicinity of Queen Street to Vicinity of Piikoi Street

Weekend Lane Closures (Saturday – Monday)

Construction Scope of Work

Weekend Work (5:00 a.m. Saturday to 7:00 a.m. Monday)

- Close lanes to traffic
- Remove deck from above in sections
- Install form work for concrete pours
- Place pre-cast deck panels
- Place reinforcing steel
- Pour concrete
- Cure concrete
- Open lanes to traffic

Repeat sequence above for west-bound Lanes, middle section, and east-bound lanes.



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Community Noise Variance Application

Noise Regulations

HAR Title 11, Chapter 46 sets the rules and restrictions on sound levels for construction projects. It states:

“No permit shall allow any construction activities which emit noise:

- Monday through Friday before 7 a.m. and after 6 p.m. of the same day*
- Saturday before 9 a.m. and after 6 p.m.*
- Sundays and on Holidays”*

A Community Noise Variance must be obtained for any construction activities to occur outside the permissible hours (e.g., after 6 p.m. weekdays).



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Community Noise Variance Application

Proposed Noise Variance

- Variance application requests work be allowed Saturday morning from 5:00 a.m. to Monday morning at 7:00 a.m.
- Requesting up to 6 weekend work periods to allow for unforeseen events/conditions
- Equipment producing noise levels of 85 decibels or higher will only be used when necessary and only between the hours of 9 a.m. and 6 p.m.



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Construction Noise Reduction

- Use of adequate sound mufflers and intake silencers for construction equipment
- Locate compressors and generators as far from residences as possible
- Contact information for the Contractor Representative will be provided once the Contractor is selected



Ala Moana Boulevard Drainage Repair, Vicinity of Queen Street to Vicinity of Piikoi Street Community Noise Variance Application

Community Noise Variance Application

- Application was submitted to Department of Health for Saturday morning (5:00 a.m.) through Monday morning (7:00 a.m.) construction.
- There will be no lane closures from mid-November 2017 through early January 2018.



Ala Moana Boulevard Drainage Repair, Vicinity of Queen Street to Vicinity of Piikoi Street Public Comment Period

The 30-day Public Comment Period for the
Proposed Community Noise Variance is until
August 12, 2017.

- There are Comment Sheets at the Reception Table.
Please provide comments to:
Indoor Radiological and Health Branch
99-945 Halawa Valley Street
Aiea, Hawaii 96701
Phone: 586-4700



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Questions and Answers

- Please be respectful to those speaking
- Please keep focused on the noise variance issues for the proposed project





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More Information

HDOT

dotpao@hawaii.gov

hidot.hawaii.gov

HDOT Facebook & Twitter

587-2160

HDOT Oahu Lane Closures

<http://hidot.hawaii.gov/highways/roadwork/oahu/>



Mahalo!