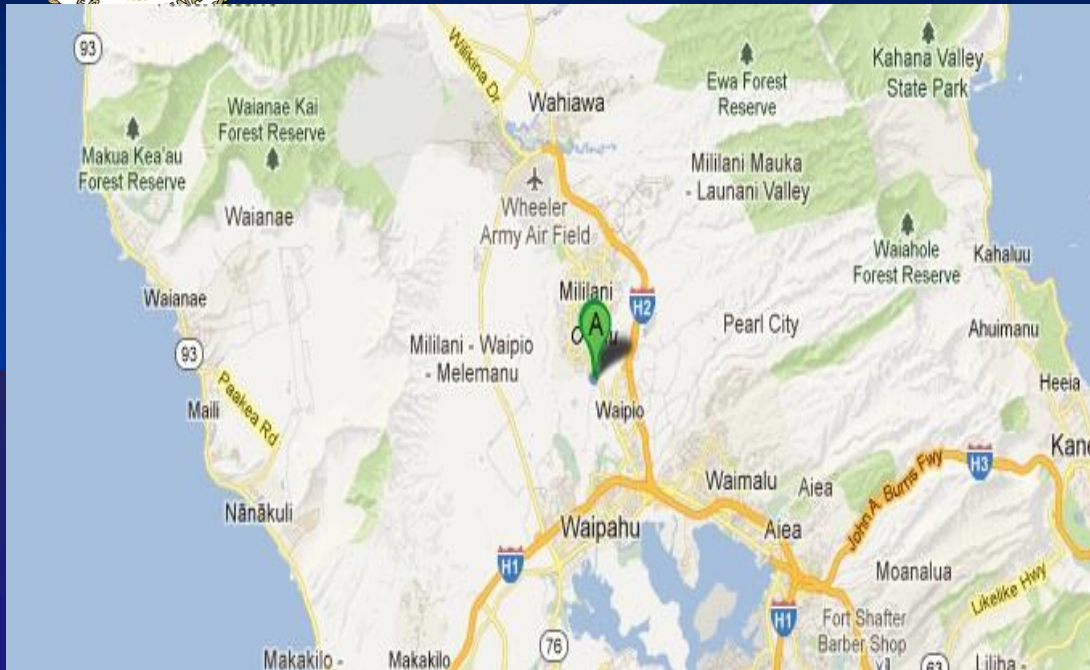


Highways Division – Oahu

Kamehameha Hwy - Rehabilitation of Kipapa Stream Bridge (a.k.a. Franklin D. Roosevelt Bridge)



SCOPE

Rehabilitate the existing bridge to meet current HDOT and AASHTO standards for geometrics, Bridges, lighting, etc.

Contract Amount

\$ 14.925 Million

EST. SCHEDULE

Anticipate completion July 2018

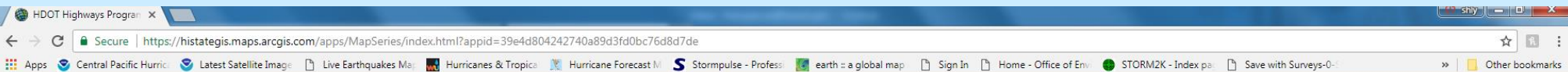




Highways Division

HDOT Highways Program Status

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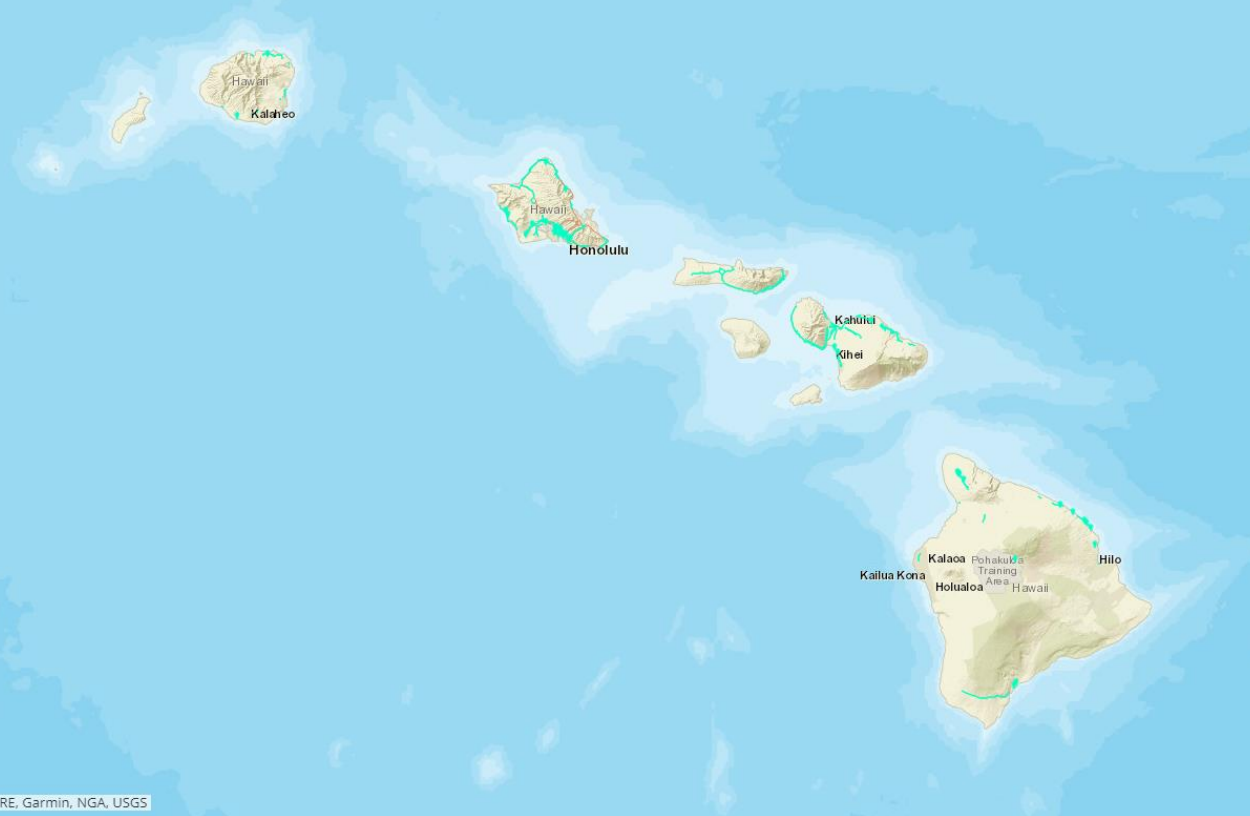
HDOT Highways Program Status


Data uploaded 12/1/2017

Hawaii Department of Transportation



Current Construction Future Projects Pavement Condition Traffic Count Fatal Crashes



Click on  or  to view project status information

NOTE: Where multiple projects overlap, projects are shown as parallel lines along the route. Zoom in to area of interest to select specific projects.

Pop Up Legend

Scheduled Advertise Date: The estimated date when project will be advertised for bid.
Cost: The approximate construction cost for the project

[View a PDF List of Projects by Area](#)

For questions or comments on this site, please email DOTPAO@hawaii.gov

OVERVIEW MAP



POWERED BY
esri Esri, HERE, Garmin, NGA, USGS

10:46 AM
12/01/2017



Highways Division

HDOT Highways Program Status

<https://histategis.maps.arcgis.com/apps/MapSeries/index.html?appid=39e4d804242740a89d3fd0bc76d8d7de>

HDOT Highways Program

Secure | <https://histategis.maps.arcgis.com/apps/MapSeries/index.html?appid=39e4d804242740a89d3fd0bc76d8d7de>

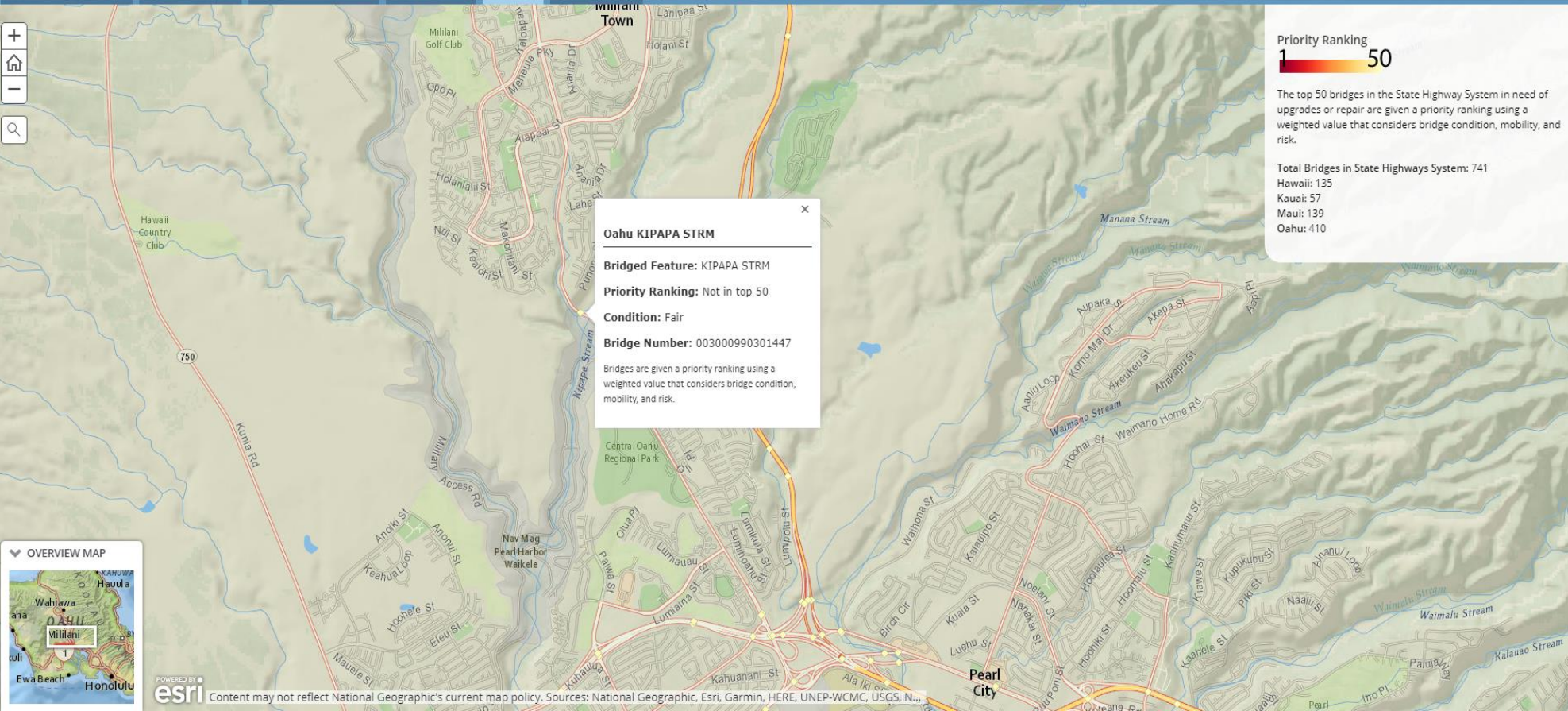
Apps | Google Maps | DOT CMS | Administration | Current | Highways | SPO | OahuHighways | Other bookmarks

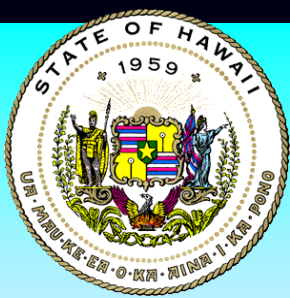
HDOT Highways Program Status

Project Status Data uploaded 3/1/2018

Hawaii Department of Transportation

- Current Construction
- Future Projects
- Pavement Condition
- Traffic Count
- Bridges
- Fatal Crashes

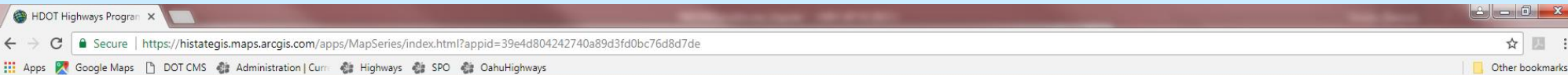




Highways Division

HDOT Highways Program Status

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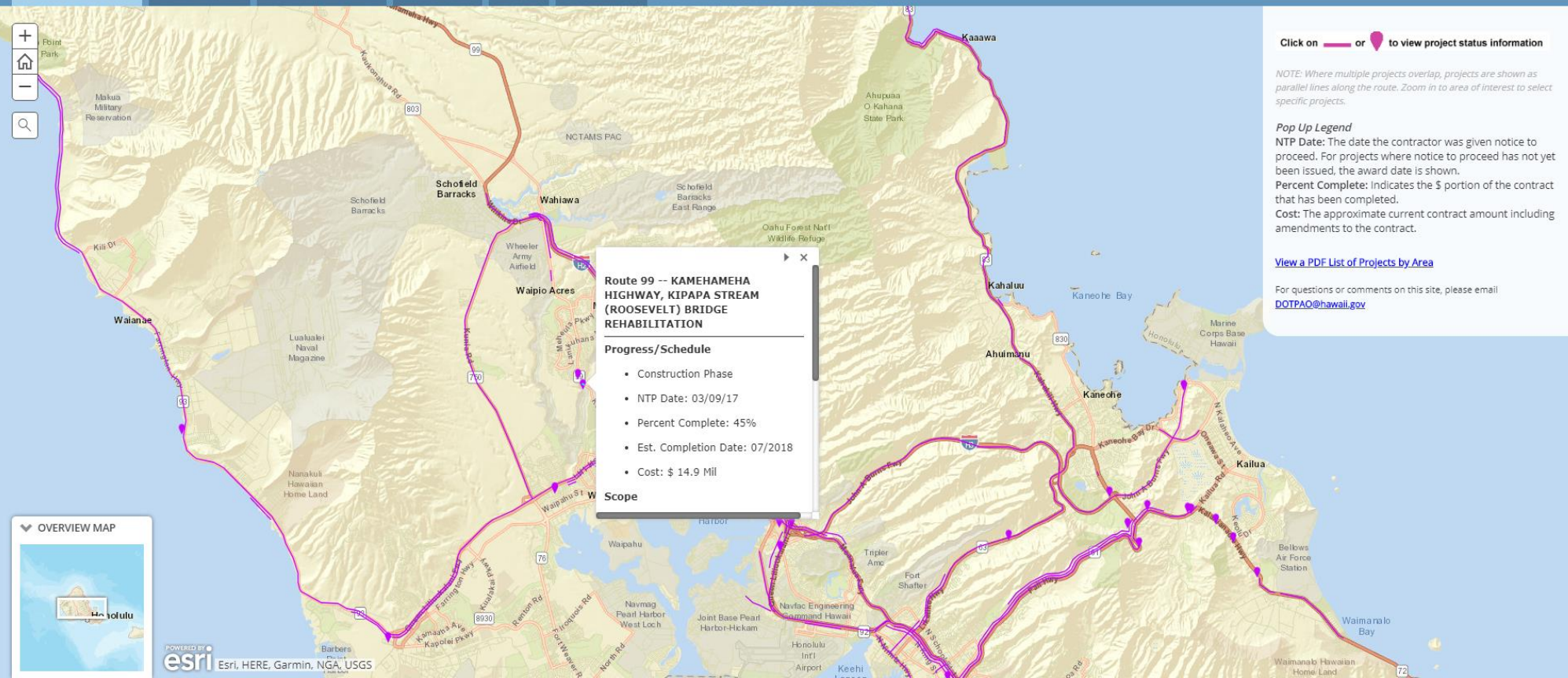
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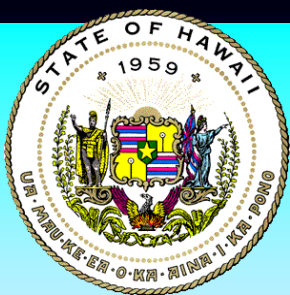
Project Status Data uploaded 3/1/2018

Hawaii Department of Transportation



Current Construction Future Projects Pavement Condition Traffic Count Bridges Fatal Crashes






Highways Division

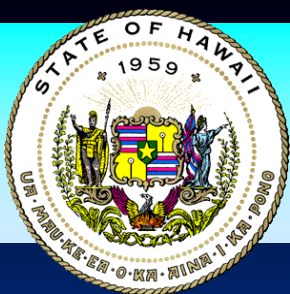
HDOT Highways Program Status

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Project Status For Oahu, Central

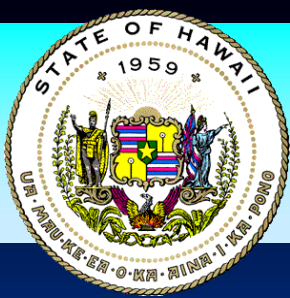
Project Information	Limits of Construction	Scope	Progress/Schedule
KAMEHAMEHA HIGHWAY, KIPAPA STREAM (ROOSEVELT) BRIDGE REHABILITATION Project Number: BR-099-1(030) Phase: Construction Point of Contact: MATTHEW MORITA matthew.s.morita@hawaii.gov	 Mileposts: 14.42 to 14.51	REHABILITATING AND WIDENING KIPAPA STREAM BRIDGE. REVIEWING OPPORTUNITIES TO ENHANCE BIKE AND PEDESTRIAN ACCESS ADJACENT TO BRIDGE.	NTP Date: 3/9/2017 Percent Complete: 45% Construction Cost \$ 14.9 Mil Est End Date: 07/2018 Contractor: HAWAIIAN DREDGING CONSTRUCTION COMPANY, INC.



Highways Division – Oahu

Kamehameha Hwy - Rehabilitation of Kipapa Stream Bridge (a.k.a. Franklin D. Roosevelt Bridge)

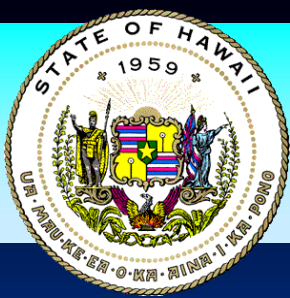




Highways Division – Oahu

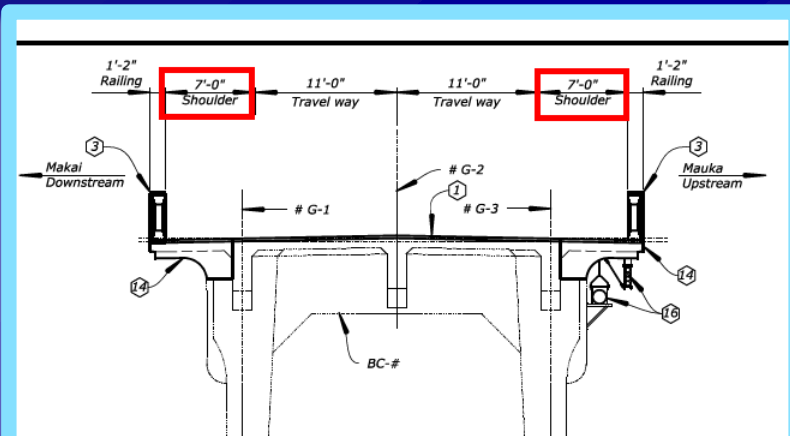
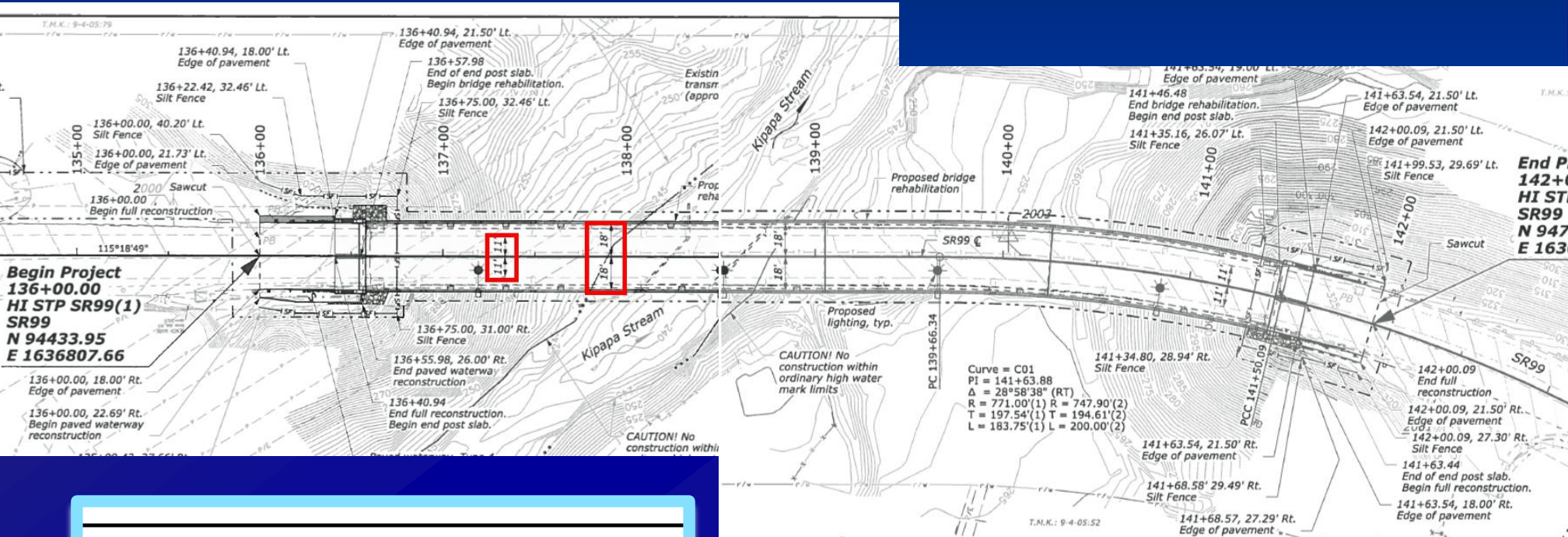
Kamehameha Hwy - Rehabilitation of Kipapa Stream Bridge (a.k.a. Franklin D. Roosevelt Bridge)

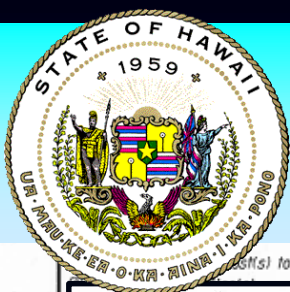




Highways Division – Oahu

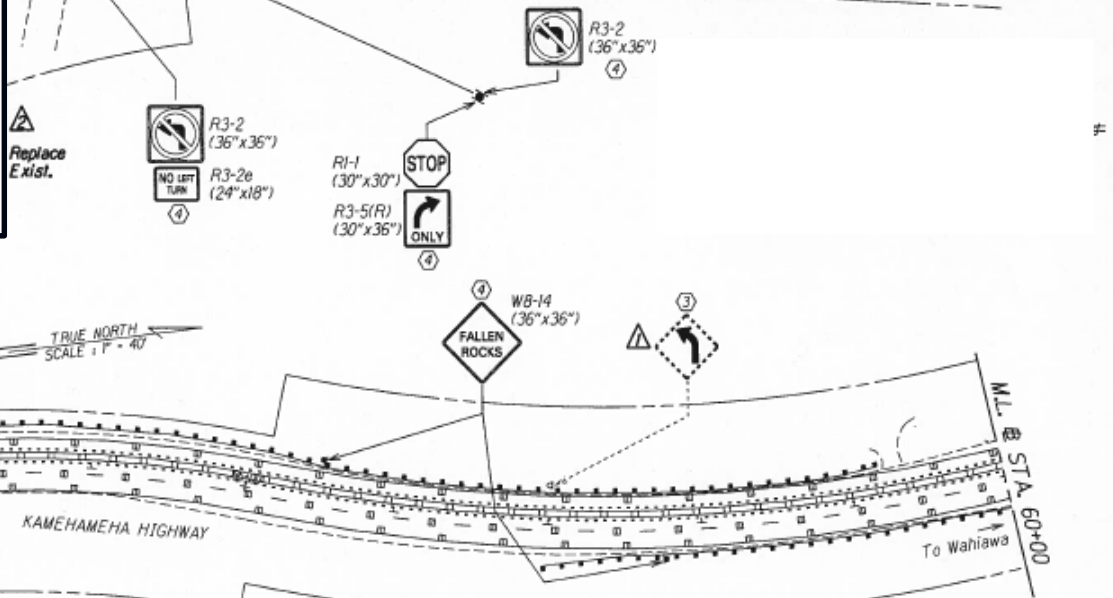
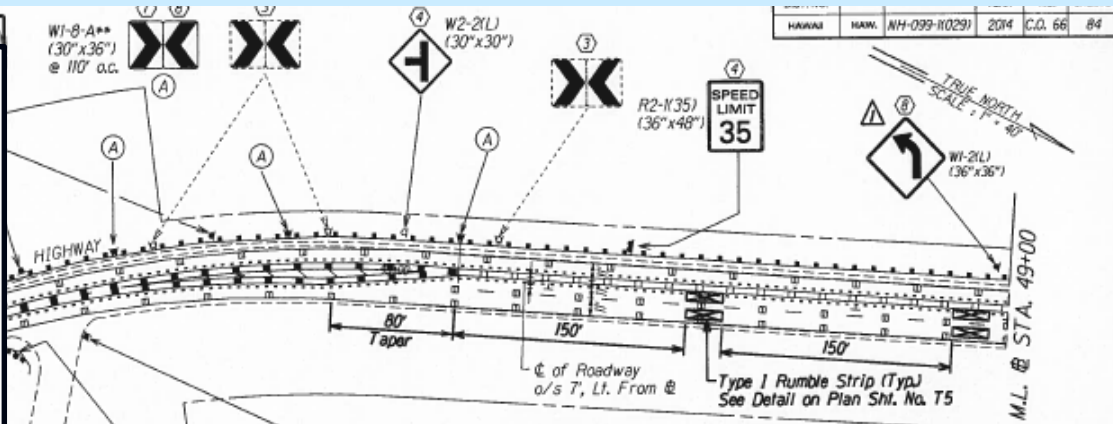
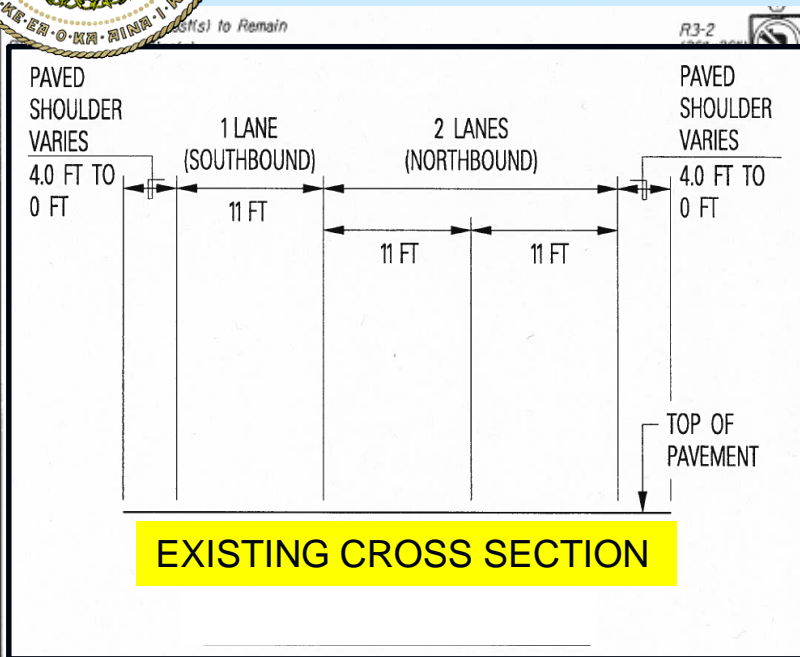
Kamehameha Hwy - Rehabilitation of Kipapa Stream Bridge (a.k.a. Franklin D. Roosevelt Bridge)





Highways Division – Oahu

Kamehameha Hwy - Rehabilitation of Kipapa Stream Bridge (a.k.a. Franklin D. Roosevelt Bridge)



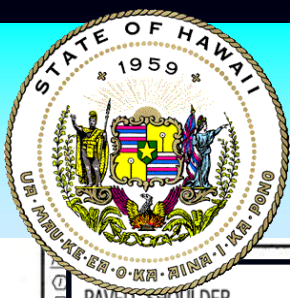
- Three (3) 11 ft. lanes with no median.
- 0-4 ft. shoulders on both sides.

Existing

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
IN CHARGE BY	DATE

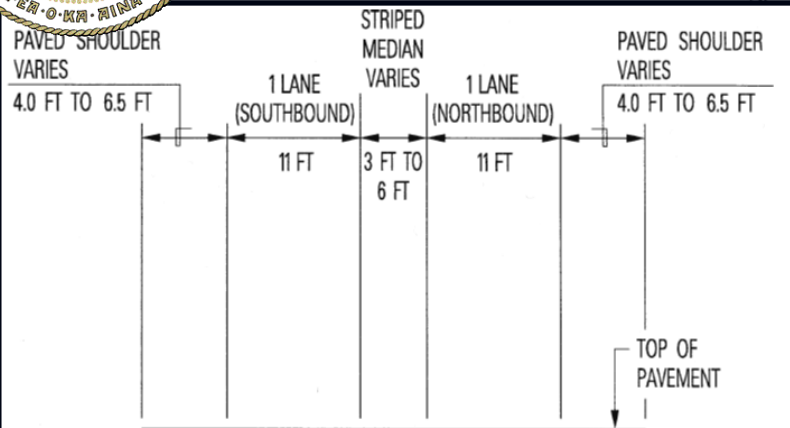
DATE	REVISION
11/12/12	Revised Pav. Markings & Signs to 2 Lanes
1/15/14	Relocate Exist. Curve Warning Sign Add Milepost Marker Add Type 1 Rumble Strip

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
PAVEMENT MARKING & SIGNING PLAN
KAMEHAMEHA HIGHWAY RESURFACING
Vicinity of Ka Uka Boulevard
to Vicinity of Waiawa Street
Federal Aid Project No. NH-099-110291
Scale: 1" = 40' Date: Oct., 2015
SHEET No. T6 OF 24 SHEETS

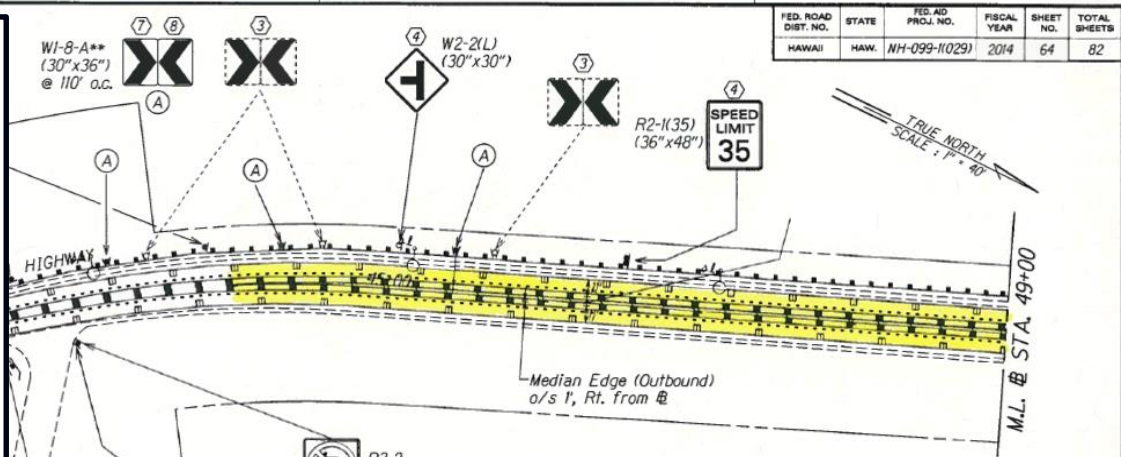


Highways Division – Oahu

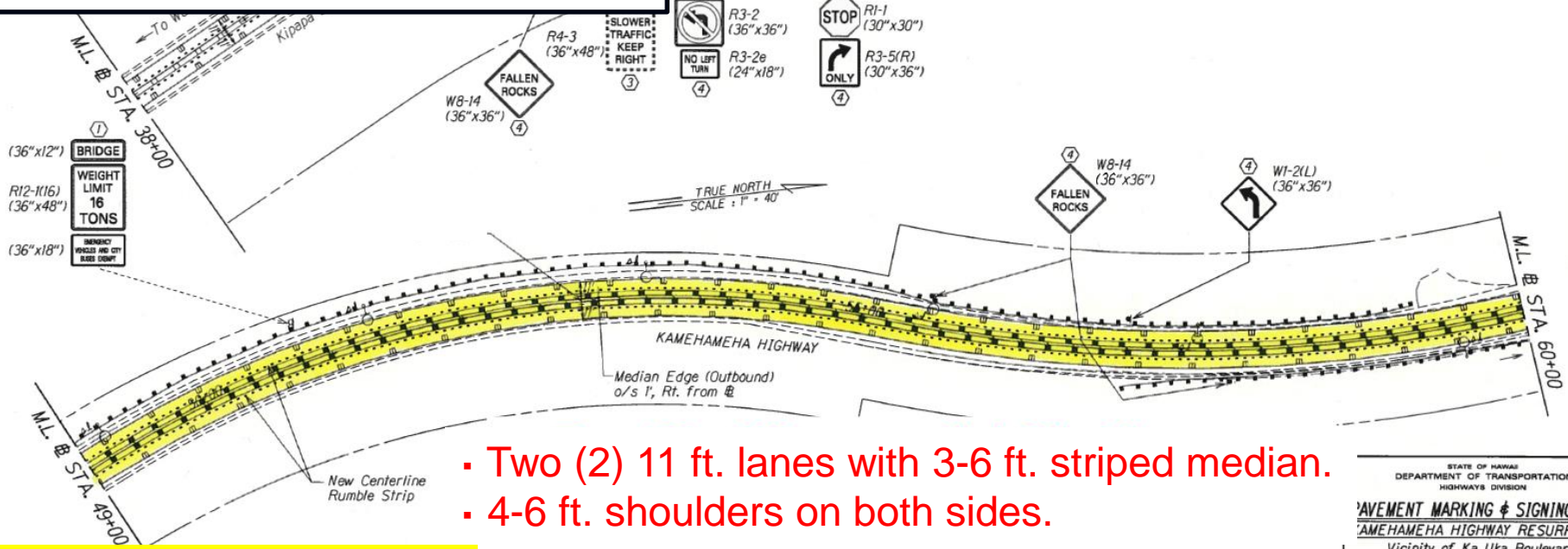
Kamehameha Hwy - Rehabilitation of Kipapa Stream Bridge (a.k.a. Franklin D. Roosevelt Bridge)



OPTION A CROSS SECTION



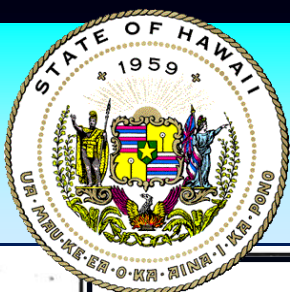
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-099-11029	2014	64	82



- Two (2) 11 ft. lanes with 3-6 ft. striped median.
- 4-6 ft. shoulders on both sides.

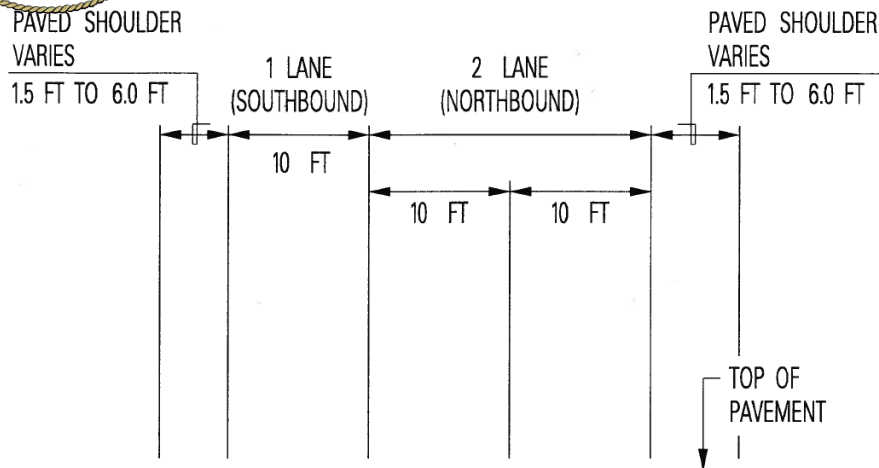
Option A – Remove Lane

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PAVEMENT MARKING & SIGNING PLAN
KAMEHAMEHA HIGHWAY RESURFACING
Vicinity of Ka Uka Boulevard
to Vicinity of Waihau Street
Federal Aid Project No. NH-099-11029
Scale: 1" = 40' Date: Sept. 2013
SHEET No. 76 OF 24 SHEETS

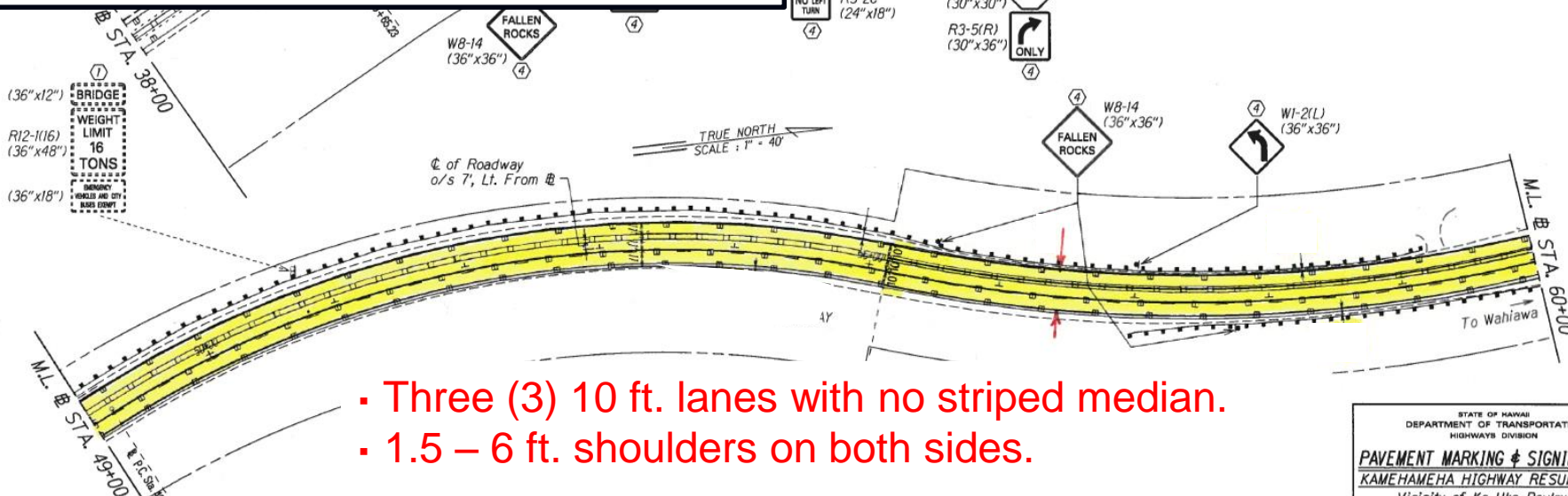


Highways Division – Oahu

Kamehameha Hwy - Rehabilitation of Kipapa Stream Bridge (a.k.a. Franklin D. Roosevelt Bridge)



OPTION B CROSS SECTION

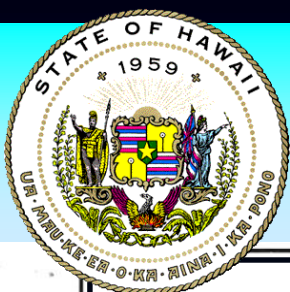


- Three (3) 10 ft. lanes with no striped median.
- 1.5 – 6 ft. shoulders on both sides.

Option B – Reduce Lane Width

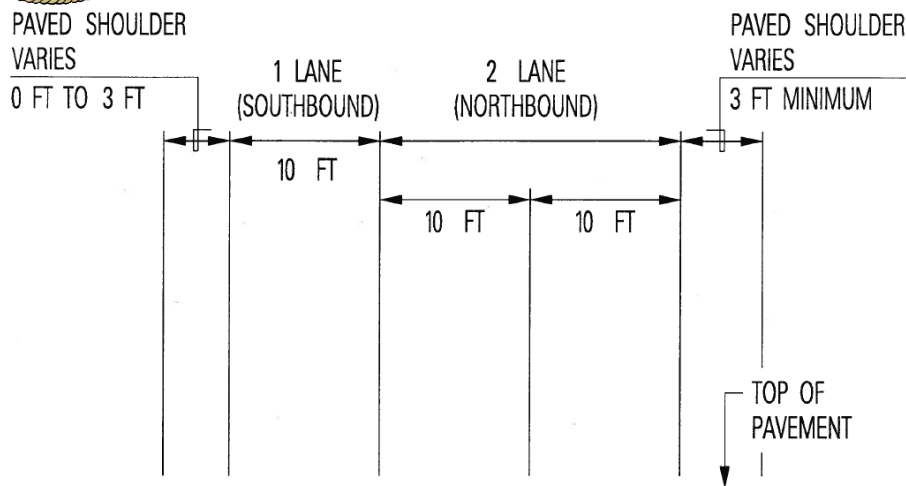
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-099-110291	2014	X	X

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
PAVEMENT MARKING & SIGNING PLAN
KAMEHAMEHA HIGHWAY RESURFACING
Vicinity of Ka Uka Boulevard
to Vicinity of Waihau Street
Federal Aid Project No. NH-099-110291
Scale: 1" = 40' Date: June 2013
SHEET No. T6 OF 0 SHEETS

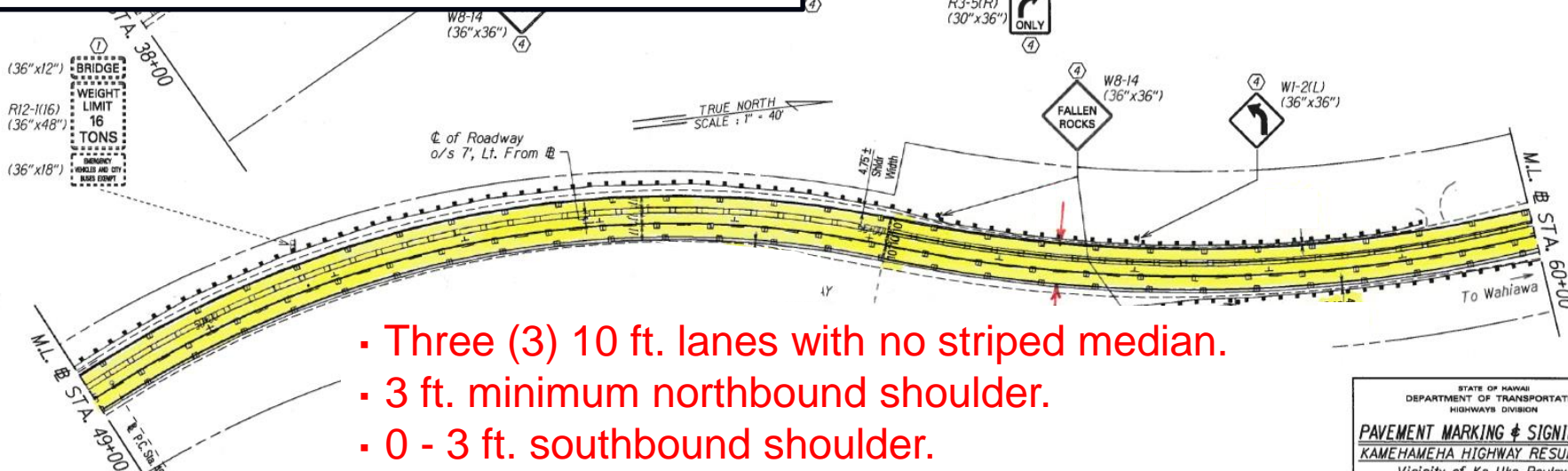


Highways Division – Oahu

Kamehameha Hwy - Rehabilitation of Kipapa Stream Bridge (a.k.a. Franklin D. Roosevelt Bridge)



OPTION C CROSS SECTION



- Three (3) 10 ft. lanes with no striped median.
- 3 ft. minimum northbound shoulder.
- 0 - 3 ft. southbound shoulder.

Option C – Shift Roadway to One Side

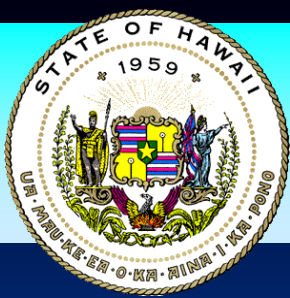
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-099-1(029)	2014	X	X

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
KAMEHAMEHA HIGHWAY RESURFACING
Vicinity of Ka Uka Boulevard
to Vicinity of Waihau Street

Federal Aid Project No. NH-099-1(029)
Scale: 1" = 40' Date: June 2013

SHEET No. T6 OF 0 SHEETS



Highways Division – Oahu

Kamehameha Highway (Route 99)

Travel Time Demo Project

INTRODUCTION

Travel time and delay are two of the principal measures of highway system performance used by traffic engineers, planners and analysts. They provide input to capacity analyses of roadway segments.

PURPOSE

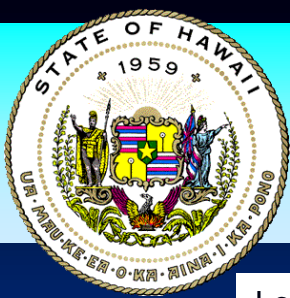
To conduct a travel time study and determine the travel time after reducing the northbound throughway from two lanes to one lane (and comparing that to the existing condition travel time).

The result will help with our determination on whether to increase the shoulder and median.

EXISTING CONDITION

The demonstration area starts north of the Kipapa Stream bridge and ends near the intersection of Kamehameha Highway and Lanikuhana Avenue.

The existing lane configuration is 1 southbound lane and 2 northbound lanes, with shoulder width varying from zero to 4 feet. All lane widths are 11 feet.



Highways Division – Oahu

Kamehameha Highway (Route 99)

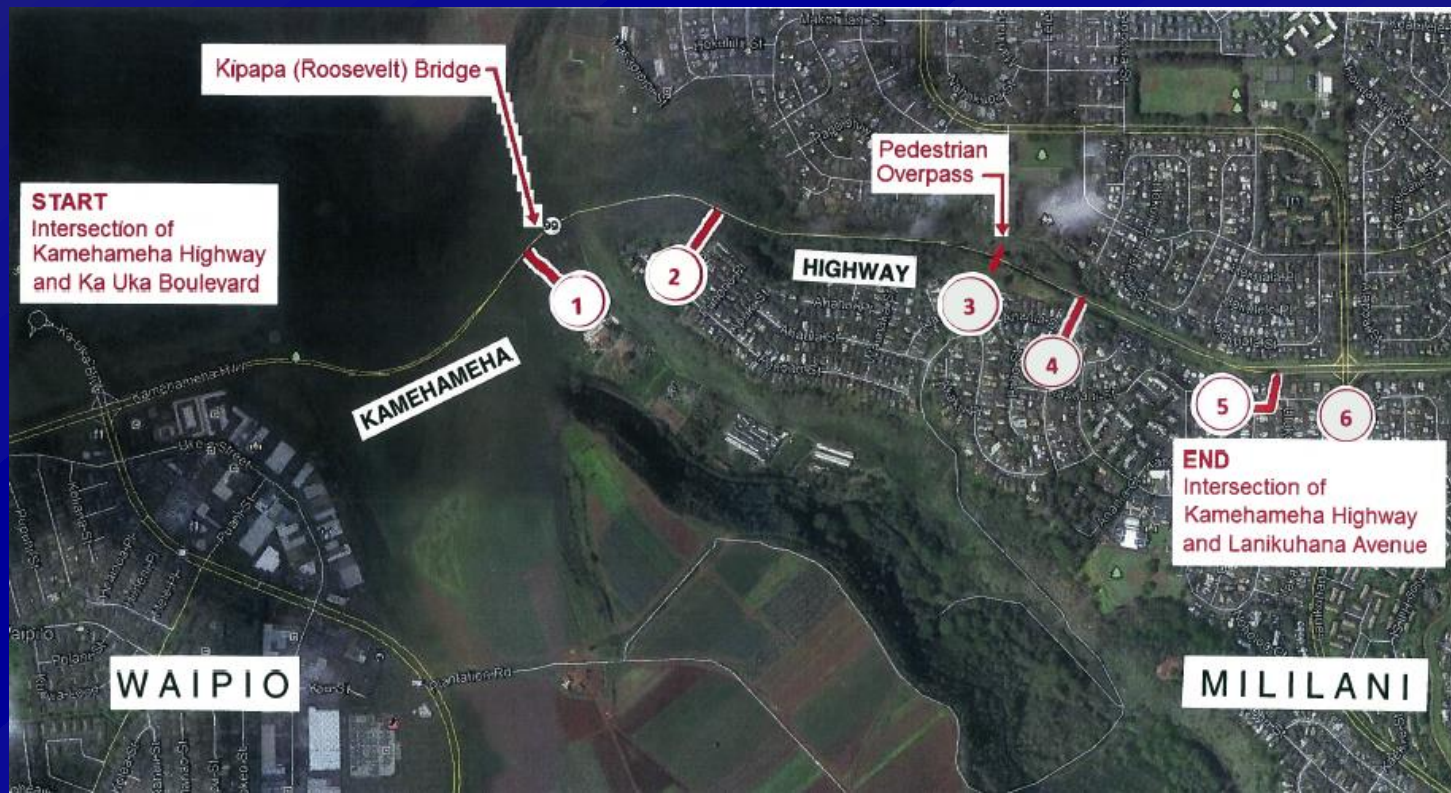
Travel Time Demo Project

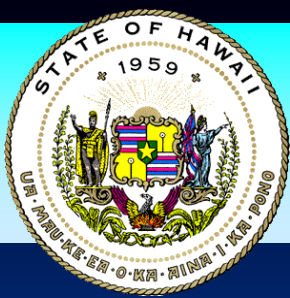
Location:

On April 4th traffic control cones will be placed on the roadway, closing one northbound (left) lane along Kamehameha Highway, from north of the Kipapa Stream Bridge (M.P. 14.45) to an area between the pedestrian overpass and the Lanikuhana Avenue intersection (M.P. 13.62). The total length of coning will be 0.83 miles.

Action Plan:

1. Wednesday, March 14th, base line data acquired, 3:30pm-6:00pm.
2. Monday, April 2nd, cones will be placed between 9am and 2pm.
3. Tuesday, April 3rd, driver acclimate to the new situation.
4. Wednesday, April 4th, collect data, 3:30pm-6:00pm.
5. Thursday, April 5th, collect data, 3:30pm-6:00pm and take down cones at 7pm.





Highways Division – Oahu

Kamehameha Highway (Route 99)

Travel Time Demo Project

DATA COLLECTION PROCEDURE:

At 3:30 pm, one test vehicle will enter the northbound route at the intersection of Kamehameha Highway and Ka Uka Boulevard. At this time the stop watch will be started.

There will be six northbound reference points where times will be taken, the last point being the intersection of Kamehameha Highway and Lanikuhana Avenue.

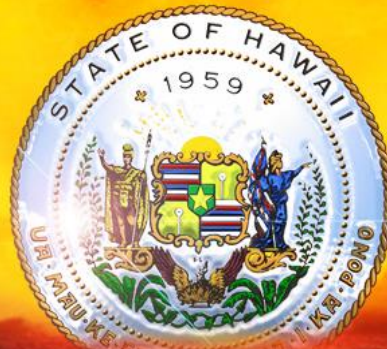
After passing the final northbound reference point, the test vehicle will turn around and start a new southbound time measurement at the intersection of Kamehameha Highway and Lanikuhana Avenue.

Southbound times will be taken at the same reference points as in the northbound direction. The southbound route will end at the intersection of Kamehameha Highway and Ka Uka Boulevard, where the test vehicle will prepare for the next pass.

One pass will be made every 15 minutes, and this will continue until 6:00 pm.

At the same start time of 3:30 pm, an individual stationed on the pedestrian overpass will begin taking vehicle counts and continue until 6:00 pm.

Mahalo!



State of Hawaii
Department of Transportation

