

# DEPT. COMM. NO. 241

DAVID Y. IGE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
869 PUNCHBOWL STREET  
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DIRECTOR

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IN REPLY REFER TO:

DIR 1.11631

December 28, 2021

The Honorable Ronald D. Kouchi  
President and Members of the  
Senate  
31<sup>st</sup> State Legislature  
State Capitol, Room 409  
Honolulu, Hawaii 96813

The Honorable Scott K. Saiki  
Speaker and Members of the  
House of Representatives  
31<sup>st</sup> State Legislature  
State Capitol, Room 431  
Honolulu, Hawaii 96813

Dear President Kouchi, Speaker Saiki, and Members of the Legislature:

For your information and consideration, I am transmitting a copy of the Photo Red Light Imaging Detector System Pilot Program Report as required by Act 30 of 2020.

In accordance with HRS 93-16, I am also informing you that the report may be viewed electronically at: <https://hidot.hawaii.gov/library/reports/reports-to-the-legislature/>

Sincerely,

A handwritten signature in black ink, appearing to read "Jade T. Butay", is written over a horizontal line.

JADE T. BUTAY  
Director of Transportation

DEPARTMENT OF TRANSPORTATION'S  
REPORT TO LEGISLATURE  
OF  
THE STATE OF HAWAII  
REQUIRED UNDER  
SECTION 8, ACT 30, SESSION LAWS OF HAWAII  
2020

**ANNUAL REPORT: "PHOTO RED LIGHT  
IMAGING DETECTOR SYSTEM PILOT  
PROGRAM"  
FROM ACT 30  
SESSION LAWS OF HAWAII 2020**

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
DECEMBER 2021

DEPARTMENT OF TRANSPORTATION'S  
REPORT TO THE LEGISLATURE  
OF THE STATE OF HAWAII

REQUIRED UNDER

SECTION 8 ACT 30 SESSION LAWS OF HAWAII 2020

**Annual report to the Hawaii Legislature on the Photo Red Light Imaging Detector  
Pilot Program**

Introduction:

Section 8 Act 30 Session Laws Hawaii 2020 requires the Department of Transportation (DOT) to report annually until 2024 on the status and progress of the photo red light imaging detector pilot program on the implementation of the pilot program with statistical data on the program. The report will also recommendations on how to improve the pilot program, if it should be made permanent, and funding estimates.

The DOT worked with the City & County of Honolulu's Department of Transportation Services to select the list of locations<sup>10</sup> intersections, and four alternates, for the pilot project. The locations are:

	Jurisdiction	Intersection
1	CITY	BERETANIA ST & PIIKOI ST
2	CITY	KAPIOLANI BLVD & KAMAKEE ST
3	STATE	VINEYARD BLVD & PALAMA ST
4	STATE	VINEYARD BLVD & PALI HWY
5	CITY	N. KING ST. & BERETANIA ST
6	CITY	KING ST. & WARD AVE.
7	STATE	VINEYARD BLVD & LILIHA ST
8	STATE	PALI HWY & SCHOOL ST
9	STATE	LIKELIKE HWY & SCHOOL ST
10	CITY	KING ST & RIVER ST
Alternate	CITY	KING ST & KOHOU ST
Alternate	CITY	MCCULLY ST & ALGARROBA ST
Alternate	STATE	KING ST & MIDDLE ST
Alternate	STATE	VINEYARD BLVD & NUUANU AVE

The Request for Proposals for the project was released on December 21, 2020, with a deadline of January 19, 2021 for offerors to submit proposals.

As the contract proposals came in much higher than anticipated, DOT submitted legislation during the 2021 legislative session to increase the amount of project. After Act 133, Session Laws of Hawaii 2021 was enacted, DOT negotiated to move the contract forward with the selected vendor and are waiting for final approval to proceed.

Redflex was selected for the pilot project. They have a team on standby to begin as soon as the contract is signed. Work will begin with the engineering studies to select the final 10 intersections.

While infrastructure improvements, if any, are made, Redflex will conduct the mandatory studies to determine a baseline average of the number of red light traffic-control signal violations before the lights are installed. Another baseline study will be conducted after the signals are removed to determine if the project was successful in changing the behavior of drivers.

The administrative rules for the red light project have been signed by Governor Ige and went into effect on December 26, 2021.

The DOT has also begun working to develop an educational campaign that will begin in January 2022.