HDOT UPDATE

ED SNIFFEN
DEPUTY DIRECTOR FOR HIGHWAYS
HAWAII DEPARTMENT OF TRANSPORTATION

• RESOURCES
• FUNDING
• SAFETY & PRESERVATION
• REGULATION & ENFORCEMENT
RESOURCES

- INFORMATION ON PERMITS
- HEIGHT CLEARANCE FOR BRIDGES ON OAHU
- BRIDGE POSTINGS
- WEEKLY PLANNED ROADWORK
- CURRENT/UPCOMING CONSTRUCTION
INFRASTRUCTURE INVESTMENT AND JOBS ACT (IIJA) – FY 2022-2026

Provides 5 years of funding and policy stability

 Increases Federal Highways Administration (FHWA) funding by 21%

Establishes new programs

- Formula-based bridge improvement program
- Carbon Reduction
- Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT)
- Electric vehicle charging

Prioritizes safety, efficiency for all users, equity, environment, resiliency, and cross-jurisdiction cooperation
## IIJA FORMULA FUNDS TO HAWAIʻI

### HIGHWAY FORMULA FUNDS, FY 2021 VS. FY 2022-2026

<table>
<thead>
<tr>
<th></th>
<th>ACTUAL FY 2021</th>
<th>IIJA FY 2022</th>
<th>IIJA FY 2023</th>
<th>IIJA FY 2024</th>
<th>IIJA FY 2025</th>
<th>IIJA FY 2026</th>
<th>IIJA 5-Year TOTAL</th>
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<tbody>
<tr>
<td><strong>State Total</strong></td>
<td>$ 185 M</td>
<td>$ 224 M</td>
<td>$ 229 M</td>
<td>$ 233 M</td>
<td>$ 237 M</td>
<td>$ 243 M</td>
<td>$ 1.2 B</td>
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<tr>
<td><strong>Approximate County Apportionments</strong></td>
<td></td>
<td></td>
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<tr>
<td>Hawaii (3.5%)</td>
<td>$ 6.5 M</td>
<td>$ 7.9 M</td>
<td>$ 8.0 M</td>
<td>$ 8.2 M</td>
<td>$ 8.3 M</td>
<td>$ 8.5 M</td>
<td>$ 40.9 M</td>
</tr>
<tr>
<td>Maui (5.7%)</td>
<td>$ 10.5 M</td>
<td>$ 12.7 M</td>
<td>$ 13.1 M</td>
<td>$ 13.3 M</td>
<td>$ 13.5 M</td>
<td>$ 13.9 M</td>
<td>$ 66.5 M</td>
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<tr>
<td>Honolulu (9%)</td>
<td>$ 17.0 M</td>
<td>$ 20.0 M</td>
<td>$ 21.0 M</td>
<td>$ 21.0 M</td>
<td>$ 21.3 M</td>
<td>$ 21.9 M</td>
<td>$ 105.2 M</td>
</tr>
<tr>
<td>Kauai (5.5%)</td>
<td>$ 10.2 M</td>
<td>$ 12.3 M</td>
<td>$ 12.6 M</td>
<td>$ 13.0 M</td>
<td>$ 13.0 M</td>
<td>$ 13.4 M</td>
<td>$ 64.3 M</td>
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</table>

Excludes $339 M in Bridge Formula Funds apportioned to Hawai‘i over five years (FY 2022-2026)
HiRUC MOVING FORWARD

• ASSESSMENT OF RUC ON ELECTRIC VEHICLES IN PLACE OF $50 FLAT FEE

• RUC FOR EV OWNERS WOULD BE ABOUT $0.80 (80 CENTS) PER MILE. CAPPED AT THE AMOUNT A DRIVER OF AN AVERAGE VEHICLE IN HAWAII PAYS (APPROX. $70/YEAR)

• HDOT TO CONTINUE DEVELOPMENT AND IMPROVEMENT OF RUC SYSTEMS
KAUA'I PROJECTS

• BRIDGE PROJECTS IN DESIGN
  1. HANALEI BRIDGE (ROUTE 560) – BRIDGE REHABILITATION (ESTIMATED TO ADVERTISE FALL 2022)

• PAVEMENT PROJECTS IN DESIGN
  1. KUHIO HIGHWAY (ROUTE 56) KAHILIHOLO RD TO KA HAKU RD – ASPHALT RESURFACING (ADVERTISED SUMMER 2022)
  2. KUHIO HIGHWAY (ROUTE 56) WAIKAEA BRIDGE TO MAILIHUNA RD – ASPHALT RESURFACING (ESTIMATED TO ADVERTISE SPRING 2023)
  3. KUHIO HIGHWAY (ROUTE 56) LAUKINI RD TO KAPULE HWY – ASPHALT RESURFACING (ESTIMATED TO ADVERTISE SPRING 2023)
  4. KUHIO HIGHWAY (ROUTE 56) AT KOLO RD / KALAMANIA RD - INTERSECTION IMPROVEMENTS (ESTIMATED TO ADVERTISE SPRING 2023)
  5. HALEWILI ROAD (ROUTE 540) – ASPHALT RESURFACING (ESTIMATED TO ADVERTISE SPRING 2023)
  6. WAIMEA CANYON DRIVE / KOKEE ROAD PHASE 2A (ROUTE 550) – ASPHALT RESURFACING AND SHOULDER IMPROVEMENTS (ESTIMATED TO ADVERTISE WINTER 2022)
  7. KUAMOO ROAD (ROUTE 580) – ASPHALT RESURFACING (ESTIMATED TO ADVERTISE SPRING 2023)
OAHU PROJECTS

**BRIDGE PROJECTS IN DESIGN**
- WAIHAOLE STREAM BRIDGE (ROUTE 83) – BRIDGE REPLACEMENT AND REALIGNMENT OF THE HIGHWAY (ESTIMATED TO ADVERTISE WINTER 2023)
- LAIELOA STREAM BRIDGE (ROUTE 83) – BRIDGE REPLACEMENT (ESTIMATED TO ADVERTISE FALL 2022)
- KALUANUI STREAM BRIDGE (ROUTE 83) – BRIDGE REPLACEMENT AND ADDITION OF PEDESTRIAN WALKWAY (ESTIMATED TO ADVERTISE SPRING 2023)
- WAIIPOILO STREAM BRIDGE (ROUTE 83) – BRIDGE REPLACEMENT WITH PEDESTRIAN WALKWAY (ESTIMATED TO ADVERTISE WINTER 2022)

**PAVEMENT PROJECTS IN DESIGN**
- INTERSTATE ROUTE H-1 (WESTBOUND) – CONCRETE PAVEMENT REHABILITATION (ESTIMATED TO ADVERTISE SPRING 2023)
- INTERSTATE ROUTE H-2 (NORTHBOUND) – CONCRETE PAVEMENT GRINDING AND REHABILITATION (ESTIMATED TO ADVERTISE SPRING 2023)
- ROUTE H201 (EASTBOUND AND WESTBOUND) – AC PAVEMENT RESURFACING AND REHABILITATION (ESTIMATED TO ADVERTISE SUMMER 2023)
- FARRINGTON HWY & KAUKONOHUA RD, MAKALENA BRIDGE TO WEED CIRCLE REHABILITATION (ROUTE 930) – AC PAVEMENT RESURFACING AND REHABILITATION (ESTIMATED TO ADVERTISE FALL 2024)
- INTERSTATE ROUTE H-1, OLA LANE TO VINEYARD BLVD (EASTBOUND) – ROADWAY WIDENING (ESTIMATED TO ADVERTISE FALL 2022)
- KAMEHAMEHA HWY, LAIEWAI BRIDGE TO WAIPUHI BRIDGE (ROUTE 83) – AC PAVEMENT RESURFACING AND REHABILITATION (ESTIMATED TO ADVERTISE WINTER 2022)
- KALANIANAOLE HWY, KAILUA ROAD TO OLOMANA GOLF COURSE (ROUTE 72) – AC PAVEMENT RESURFACING AND REHABILITATION (ESTIMATED TO ADVERTISE SUMMER 2023)
- KALANIANAOLE HWY, MAKAPUU TO HANAUMA BAY RD (ROUTE 72) – AC PAVEMENT RESURFACING AND REHABILITATION (ESTIMATED TO ADVERTISE WINTER 2022)
MAUI PROJECTS

• BRIDGE PROJECTS IN DESIGN
  1. KAAIEA STREAM BRIDGE (ROUTE 360) – SCOUR REPAIR (ESTIMATED TO ADVERTISE WINTER 2022)
  2. NAILIILIHAELE STREAM BRIDGE (ROUTE 360) – SCOUR REPAIR (ESTIMATED TO ADVERTISE WINTER 2022)
  3. HANA HIGHWAY BRIDGES (ROUTE 360) – ONE BRIDGE REPLACEMENT AND 5 BRIDGE REFURBISHMENT (ESTIMATED TO ADVERTISE FALL 2023)
  4. HONOLUA STREAM BRIDGE (ROUTE 30) - BRIDGE REFURBISHMENT (ESTIMATED TO ADVERTISE FALL 2023)

• PAVEMENT PROJECTS IN DESIGN
  1. PUUNENE AVENUE (ROUTE 3500) – WIDENING, SIDEWALKS AND EXISTING AC PAVEMENT REHABILITATION (DESIGN-BUILD RFP ADVERTISED AUGUST 2022)
  2. HALEAKALA CRATER ROAD (ROUTE 378) – RESURFACING (SUMMER 2023)
HAWAII ISLAND PROJECTS

• BRIDGE PROJECTS IN DESIGN
  1. WAIAKA STREAM BRIDGE (ROUTE 19) – BRIDGE REPLACEMENT AND INTERSECTION REALIGNMENT (ESTIMATED TO ADVERTISE WINTER 2022)

• PAVEMENT PROJECTS IN DESIGN
  1. STP-011-2(046) VOLCANO ROAD RESURFACING, OSHIRO ROAD TO ALIIKOA STREET
  2. STP-0100(087)R ASPHALT PAVEMENT PRESERVATION, RESURFACING, AND RECONSTRUCTION AT VARIOUS LOCATIONS (IDIQ PAVING CONTRACT)
     • HAWAII BELT ROAD, RTE 19 MP, 15.5-17.49
     • HAWAII BELT ROAD, RTE 19 MP, 23.09-27.68
     • PUAINAKO STREET, RTE 2000 MP 0.62-2.18
     • MAMALAOA HIGHWAY, RTE 19 MP 52.1-54.45
     • VOLCANO ROAD, RTE 11 MP, 3.31-6.45
     • KUAKINI HIGHWAY/QUEEN KAAHUMANU HIGHWAY, RTE 11 MP, 118-121.97
Why Vision Zero?

**Hawai‘i fatalities Jan. 1 – Sept. 7, 2022; (2021 data shown in parentheses)**

<table>
<thead>
<tr>
<th></th>
<th>Motor Vehicle Occupants</th>
<th>Pedestrians</th>
<th>M/C, Moped, Scooter Operators</th>
<th>Bicyclists</th>
<th>ATV Operators</th>
<th>TOTAL</th>
</tr>
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<tbody>
<tr>
<td>Hawaii</td>
<td>16 (10)</td>
<td>5 (1)</td>
<td>6 (5)</td>
<td>1 (0)</td>
<td>0 (0)</td>
<td>28 (16)</td>
</tr>
<tr>
<td>Maui</td>
<td>5 (4)</td>
<td>4 (4)</td>
<td>5 (3)</td>
<td>1 (0)</td>
<td>0 (0)</td>
<td>15 (11)</td>
</tr>
<tr>
<td>Honolulu</td>
<td>12 (7)</td>
<td>10 (11)</td>
<td>9 (15)</td>
<td>4 (2)</td>
<td>0 (0)</td>
<td>35 (35)</td>
</tr>
<tr>
<td>Kauai</td>
<td>5 (0)</td>
<td>0 (0)</td>
<td>1 (1)</td>
<td>0 (0)</td>
<td>0 (0)</td>
<td>6 (1)</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>38 (21)</strong></td>
<td><strong>19 (16)</strong></td>
<td><strong>21 (24)</strong></td>
<td><strong>6 (2)</strong></td>
<td><strong>0 (0)</strong></td>
<td><strong>84 (63)</strong></td>
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TRAFFIC OPERATIONS GROUP IMPLEMENTS PROVEN TACTICS IN HIGHER SPEED AND HISTORICAL CRASH AREAS.

- INCLUDES SPEED MANAGEMENT (RAISED CROSSWALKS, ROUNDABOUTS, GATEWAYS)
RAISED CROSSWALKS: CHANGE IN SPEED DISTRIBUTION

Before

After

8-Jan  9-Jan  10-Jan  11-Jan  16-Jan  26-Jan  27-Jan  28-Jan  29-Jan

40-45 mph

35-40 mph

30-35 mph

20-30 mph

> 35 mph

53%

28%
REGULATION & ENFORCEMENT
MAHALO

HTTP://HIDOT.HAWAII.GOV