Transportation Infrastructure Spending in the FFY 2022-2025 Transportation Improvement Program

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Coral Reef Ecologist prior to becoming a Transportation Impact Analyst
Coordinates transportation planning:

O‘ahu Regional Transportation Plan

2022 → 2045

25 years

Determines which transportation projects will be funded/built on O‘ahu:

Transportation Improvement Program

2022 → 2025

4 years

Includes:
- **federally funded** surface transportation projects
- **regionally significant** surface transportation projects (regardless of funding)
What is the Transportation Improvement Program (TIP)?

Regionally agreed-upon list of priority transportation projects to be funded over the next 4 years

Projects:

• Must be consistent with vision and goals of the Oahu long range plan (25-year document)
• Include roadway capacity, maintenance, transit, pedestrian, bicycle, system operations, safety, and environmental mitigation projects and programs
• Must be listed in the TIP to receive federal funds

Must be financially constrained
WHERE ARE MONEYS BEING SPENT ON OAHU
and
"I just want my potholes fixed"

Total of
73 projects
worth
2.079 billion dollars

Rail project: $1.075 billion
A special federal grant (NewStarts) was awarded specifically to this project, thus the federal funds are additional funds that Oahu can only spend towards the rail project (see chapter 5 and six for project details and NewStarts funds, respectively).

Other projects: $1.004 billion
These funds can be used, according to the federal and local regulations, for various types of projects

Distribution of funds ($1.004 billion) among various project types
- Roadway Capacity: 28.3%
- Highway, Road, and Bridge Operations and Maintenance: 30.4%
- Transit Operations and Maintenance: 10.5%
- Pedestrian/Bicycle: 8.44%
- Transit Capital: 8.06%
- System Operations and Management: 7.32%
- Safety: 5.32%
- Environmental Mitigation: 3.65%
- Maintenance: 0.49%
HOW ARE AGENCIES SPENDING FUNDS ON OAHU

Hawaii Department of Transportation (H DoT)
53 projects worth 640 million

City and County of Honolulu (DOTS and DDO)
19 projects worth 364 million

FEDERAL FUNDS
- Roadway Capacity
- Highway, Road, and Bridge Operations and Maintenance
- Transit Operations and Maintenance
- Pedestrian/Bicycle
- Transit Capital
- System Operations and Management
- Safety
- Environmental Mitigation
- Maintenance

LOCAL FUNDS
- Roadway Capacity
- Highway, Road, and Bridge Operations and Maintenance
- Transit Operations and Maintenance
- Pedestrian/Bicycle
- Transit Capital
- System Operations and Management
- Safety
- Environmental Mitigation
- Maintenance

Road capacity: 45.1%
- Bike/Ped: 18.6%
- Transit Capital: 15.7%
- 3.36%
- 2.36%
- 2.52%
- 12.9%
- 68.1%
# Congestion

The results indicate that if the FFY 2022-2025 TIP projects were implemented, there would be a 1.2% decrease in relative congestion, overall a small change.

## Percentage of Congested Vehicle Miles Traveled (VMT)

<table>
<thead>
<tr>
<th></th>
<th>Without TIP</th>
<th>With TIP</th>
<th>Percent Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT</td>
<td>13,884,129</td>
<td>13,603,647</td>
<td>-2.0%</td>
</tr>
<tr>
<td>Congested VMT</td>
<td>2,262,034</td>
<td>2,058,651</td>
<td>-9.0%</td>
</tr>
<tr>
<td>Percent of VMT Congested</td>
<td>16.3%</td>
<td>15.1%</td>
<td>-1.2%</td>
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</tbody>
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TOWARDS A CLIMATE READY OAHU

- **OS79 Shoreline Protection/Mitigation Program**
  - develop and construct shoreline protection measures
  - HDOT has identified 20 most critical road locations on Hawaii
  - 8 location are on Oahu (about half are listed in the TIP)

- **Transportation Alternatives Set-Aside Programs (OC26, OC25, OC-21-49)**
  - funds to be used for non-vehicular transportation projects
  - Haleiwa Road multi-use path
  - Ala Wai Bridge Pedestrian and Bicycle Project
  - Rail Station Multi-modal Access Improvements – Halawa Station and Waiawa Station

- **Safe Routes to School Program (SRTS)**
Thank you

NEW 2022-2025 TIP to be approved July 27, 2021