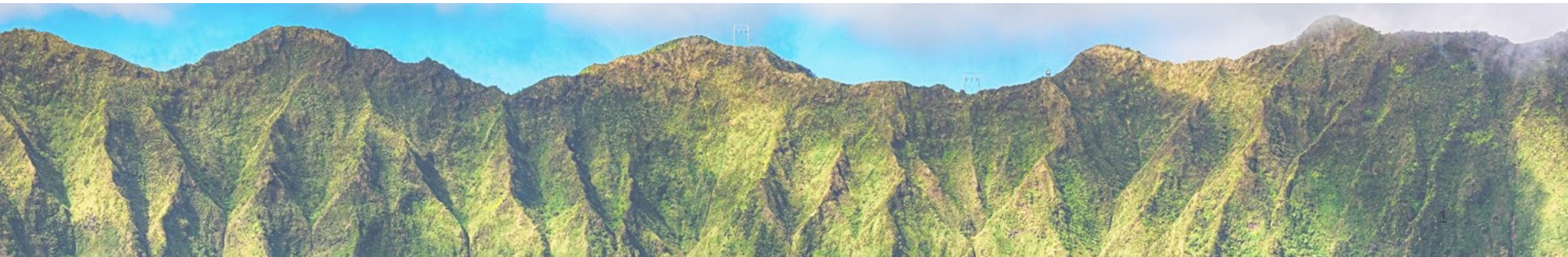


# Transportation Infrastructure Spending in the FFY 2022-2025 Transportation Improvement Program

Nicole H. Cernohorsky, Transportation Impact Analyst,  
*OahuMPO*





**Coral Reef Ecologist prior to becoming  
a Transportation Impact Analyst**







# OahuMPO...?

Oahu Metropolitan Planning Organization

Coordinates transportation planning:

## O'ahu Regional Transportation Plan



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

## Transportation Improvement Program



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

## **TRANSPORTATION IMPROVEMENT PROGRAM**

**FFYS 2022-2025**

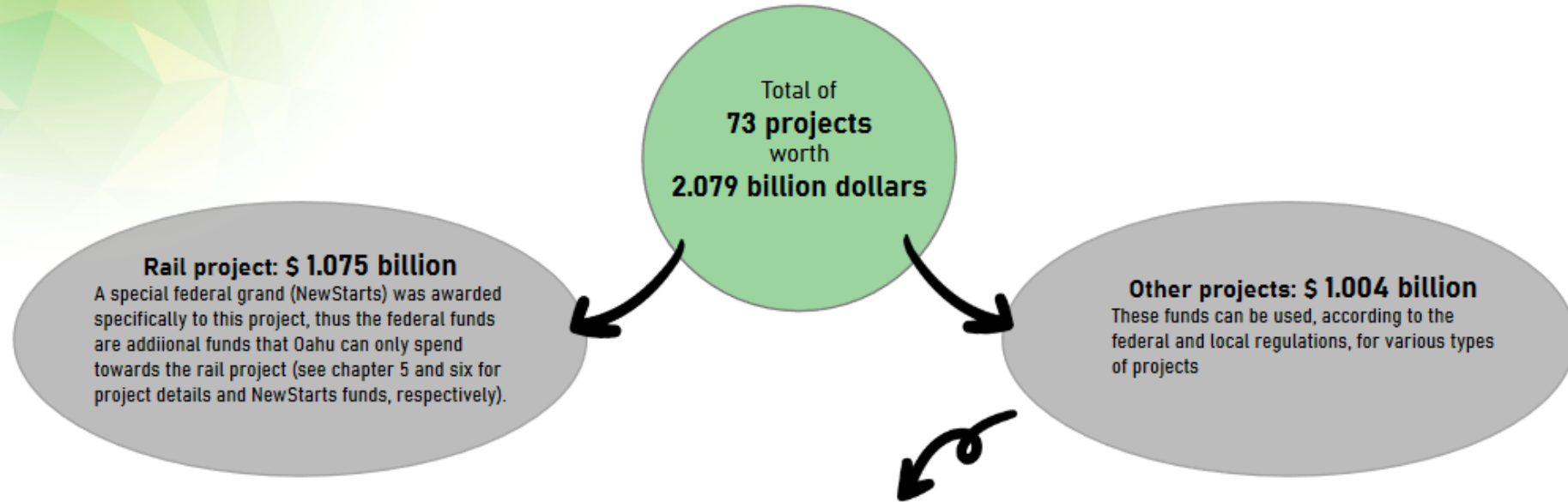


OAHU METROPOLITAN PLANNING ORGANIZATION

To be presented to the Policy Board for approval  
July 27, 2021

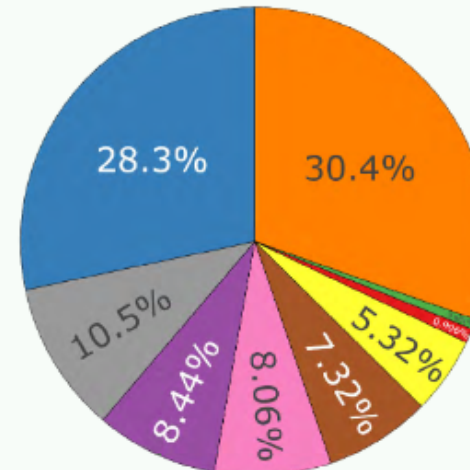
## WHERE ARE MONEYS BEING SPENT ON OAHU

and  
"I just want my potholes fixed"



Distribution of funds (\$ 1.004 billion) among various project types

- 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

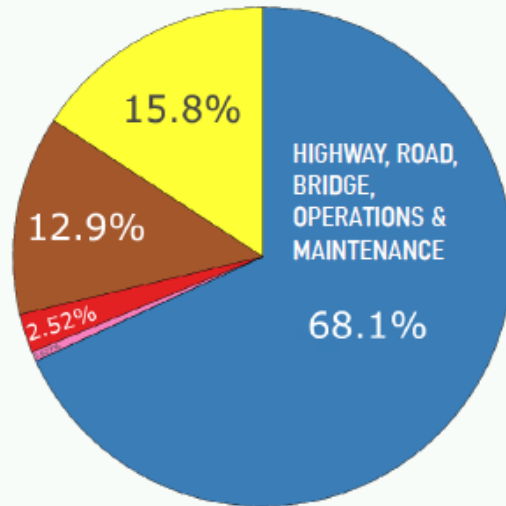


# HOW ARE AGENCIES SPENDING FUNDS ON OAHU



## Hawaii Department of Transportation (HDOT)

53 projects worth 640 million



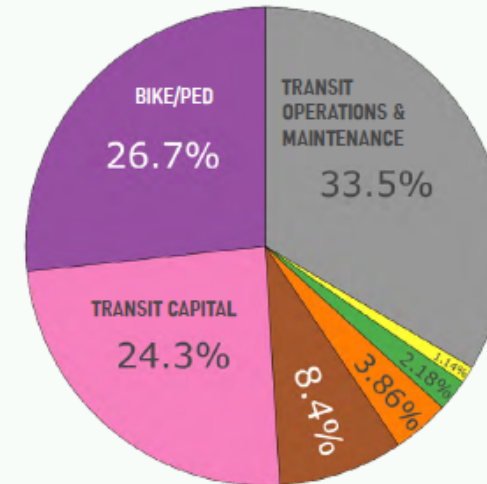
### FEDERAL FUNDS

- 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



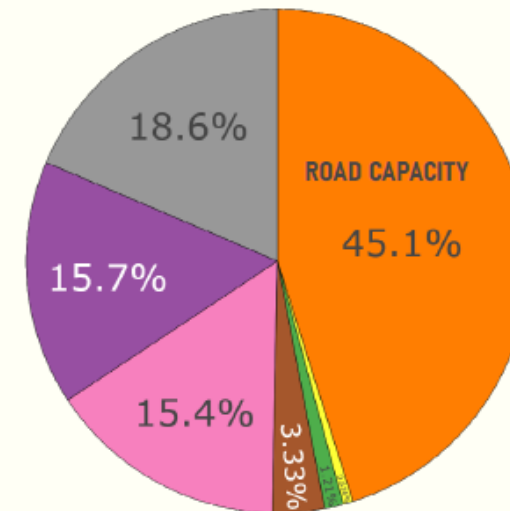
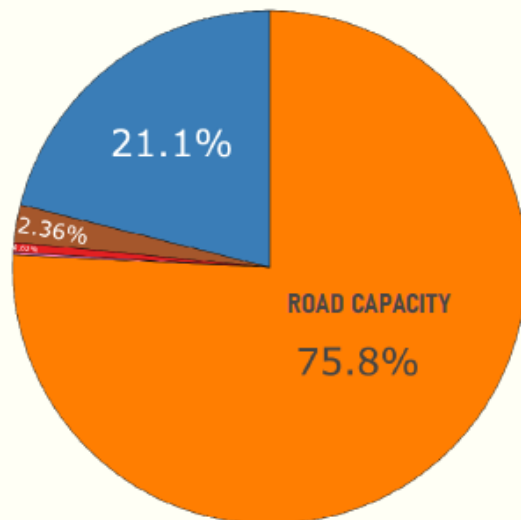
## City and County of Honolulu (DTS and DDC)

19 projects worth 364 million



### 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



# Congestion

## Percentage of Congested Vehicle Miles Traveled (VMT)

**With** and Without FFY 2022-2025 TIP Projects

|                          | Without TIP | With TIP   | Percent Difference |
|--------------------------|-------------|------------|--------------------|
| VMT                      | 13,884,129  | 13,603,647 | -2.0%              |
| Congested VMT            | 2,262,034   | 2,058,651  | -9.0%              |
| Percent of VMT Congested | 16.3%       | 15.1%      | -1.2%              |

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.





## 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)**





An aerial photograph of a coastline with a green geometric overlay. The overlay consists of various shades of green triangles and polygons that cover the left side of the image, extending from the top left towards the bottom right. The background shows a sandy beach, turquoise water, and a lush green forested hillside.

***Thank you***

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