# *THE ROAD AHEAD*

Upcoming HDOT initiatives, priority projects, and improved project delivery.

Needs of the system

- State of Repair
  - Pavement - $50 mil per year
    - 25% are in "good" condition
    - 22% are "poor"
  - Bridges - $40 mil per year
    - 23% in "good" condition
    - 2% in "poor" condition
- Safety - $15 mil
  - Traffic fatalities statewide – 47 as of end May
- Congestion - $15 mil
  - About 20% of the system over capacity
- Resiliency - $5 mil
  - Shoreline
  - Rockfall

Current funding

- Grants by U.S. Government
- Liquid fuel taxes – Highways
- State Motor Vehicle Weight Taxes
- Rental Motor Vehicle Surcharge
- State Vehicle Registration Fee
- Other (includes reimbursements, fines, penalties, and highway safety grants)
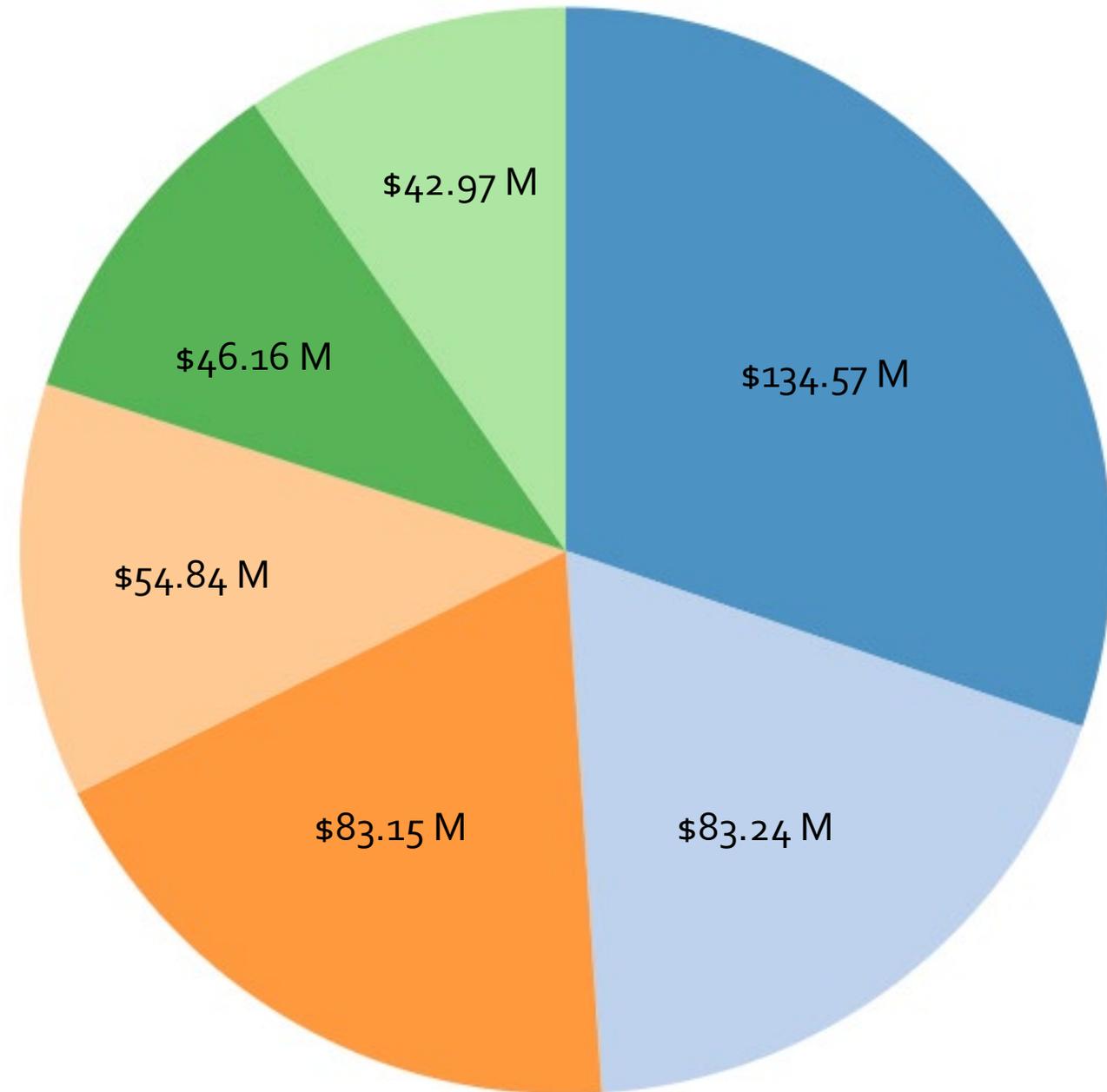
Strategies

- Prioritize system preservation and safety
  - Ensure the system we have is efficient and reliable
- Maximize/improve existing resources
- Add capacity within ROW
- Improve traveler information systems (both information to travelers and data from travelers)
- Start work on sustainable funding sources now

Good Roads Cost Less

- It costs less to repave vs. reconstruct
- Use of LCMS data to inform treatments
- Prioritize major throughfares
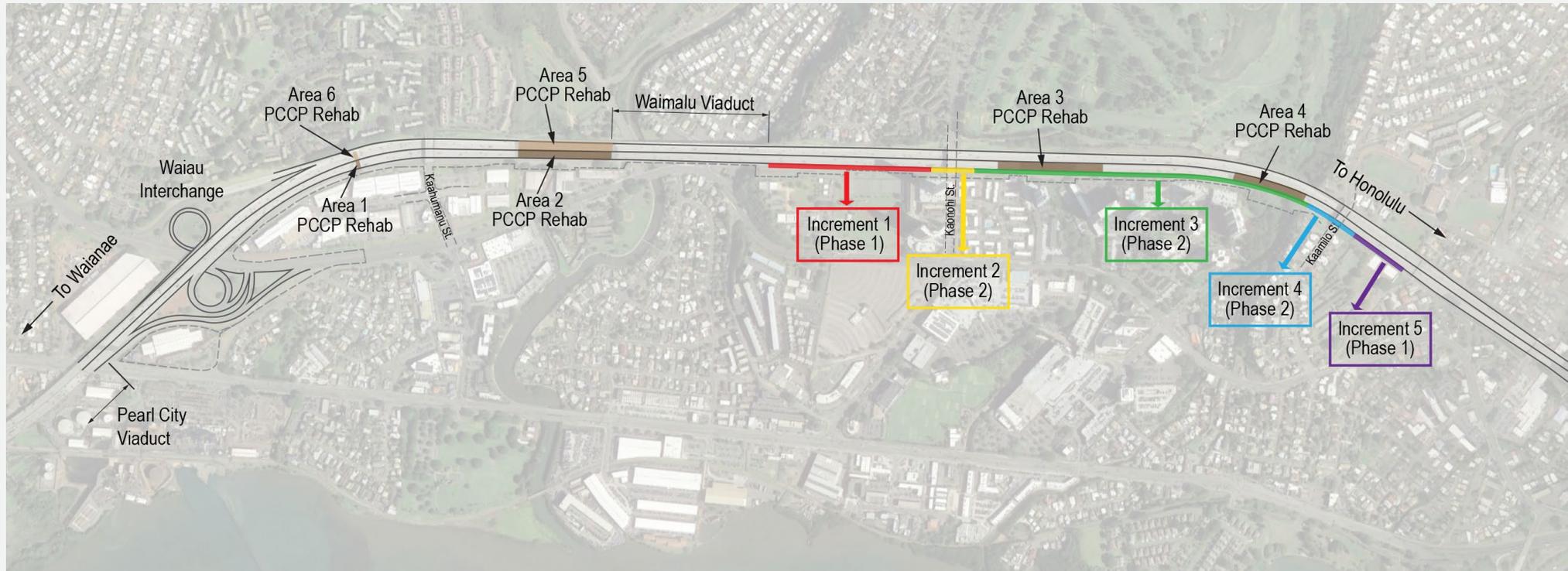
Quality of life

- Incorporate pedestrian/bike improvements into road projects

- Add capacity through restriping within ROW when possible

- Maintain contraflow/HOV lanes during peak travel hours

Traveler Information

- Addition of routes to GoAkamai

- Neighbor Island camera views

- Modernization of signals to provide SPaT data

Sustainable Funding

- Gas tax revenue is expected to drop as the fleet becomes more fuel efficient

- HDOT is currently studying a "pay for what you use" road usage charge model

- The product of the study will be a report to stakeholders

- More information at http://hiruc.org

Efficient project delivery

- Use of open ended contracting for design and construction

- Streamlining procurement and environmental processes

- Packaging bridge projects

- Bid opportunities online using Socrata

- Bridging data platforms

- Training HDOT project managers

- Pursuing tools to capture community feedback prior to projects beyond in-person PIMs

Transportation for a livable Hawaii

- Education and outreach

- Incentivize affordable housing

- Green technologies

- Preparing for CAV

- Reconnecting communities

Your thoughts?

Ed Sniffen

http://hidot.hawaii.gov

DOTPAO@hawaii.gov