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?

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