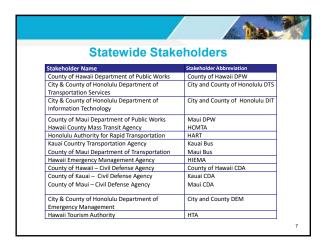




	100		
Statewide Stakeholders			
Stakeholder Name	Stakeholder Abbreviation		
Hawaii Department of Transportation – Airports Division	HDOT-AIR		
Hawaii Department of Transportation – Airports Division, Kauai District	HDOT-AIR-K		
Hawaii Department of Transportation – Airports Division, Maui District	HDOT-AIR-M		
Hawaii Department of Transportation – Airports Division, Oahu District	HDOT-AIR-O		
Hawaii Department of Transportation – Harbor Division	HDOT-HAR		
Hawaii Department of Transportation – Harbor Division, Hawaii District	HDOT-HAR-H		
Hawaii Department of Transportation – Harbor Division, Kauai District	HDOT-HAR-K		
Hawaii Department of Transportation – Harbor Division, Maui District	HDOT-HAR- M		
Hawaii Department of Transportation – Harbor Division, Oahu District	HDOT-HAR-O		





Operational Concepts

- Defines roles and responsibilities of stakeholders in providing the ITS services
- Organized by
 - Stakeholder
 - Service Area
 - · Emergency Management
 - Incident Management
 - Information DisseminationTraffic Signal Control
 - Transit Management
 - · Commercial Vehicle Operations

9

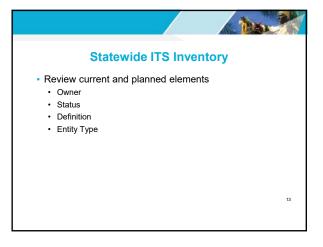
Operational Concept Example				
Stakeholder	Service Area	Role and Responsibility Description	Status	
Hawaii Department of Transportation - Highways Division (HDOT-HWY)	Freeway Management	Coordinate traffic information and traffic control with the City and County of Honolulu Traffic Management Center.	Future	
		Obtain traffic images and traffic flow data through CCTVs and field sensors, and maintain operational control of its own field equipment.	Exisitng	
		Operate changeable speed limit signs, including collecting traffic count information from the devices.	Existing	
	Connected Vehicle Management	Coordinate with private vehicles to enable connected vehicle applications for safety and mobility.	Future	

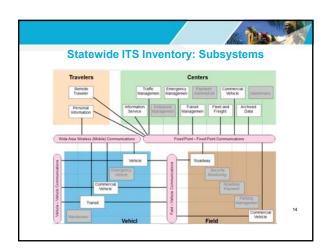


ITS Inventory

- A list of ITS elements and the elements that interface with them
- And an ITS element is:
 - The name used by stakeholders to describe high level parts of an ITS system.
- · Types of Elements:
 - Centers Traffic, Emergency, Transit
 - Field Devices Traffic, Maintenance
 - Traveler Interfaces Websites, Smart Phones
 - Data Systems Planning, Archives
 - · Vehicles Transit, Emergency

12

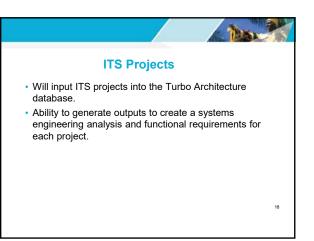














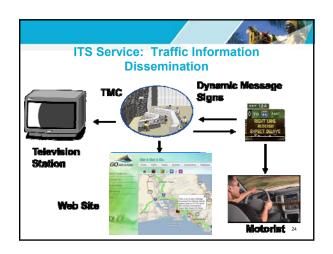


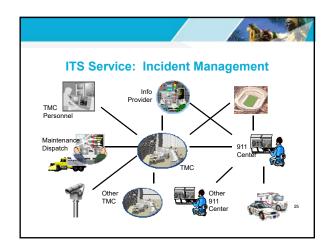
Potential Agreements

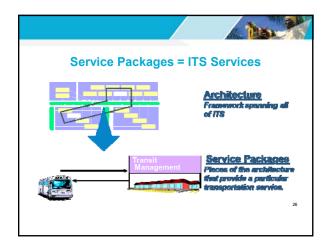
• Did we identify any agreements??

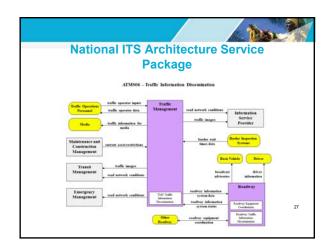


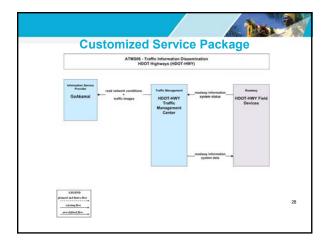












Customized Service Package Diagrams

Customize to reflect Statewide operational concepts
Review selected service package diagrams
Disaster/ Evacuation
Traffic Management
Connected Vehicle
Traveler Information
Archive Data
Transit Management
Review first an Summary Diagram for the area, then the details of each service package





- Jan. 2015: Identify Stakeholders
- Feb. April 2015: Maui Stakeholder Interviews
- May July 2015: Maui Architecture Development
- June Sept. 2015: Kauai Stakeholder Interviews
- Oct. '15 Feb. '16: Kauai Architecture Development
- Jan. March 2016: Hawaii Statewide Interviews
- April July 2016: Hawaii Statewide Architecture Development
- Aug. Sept. 2016: Final Architecture

Thank you!