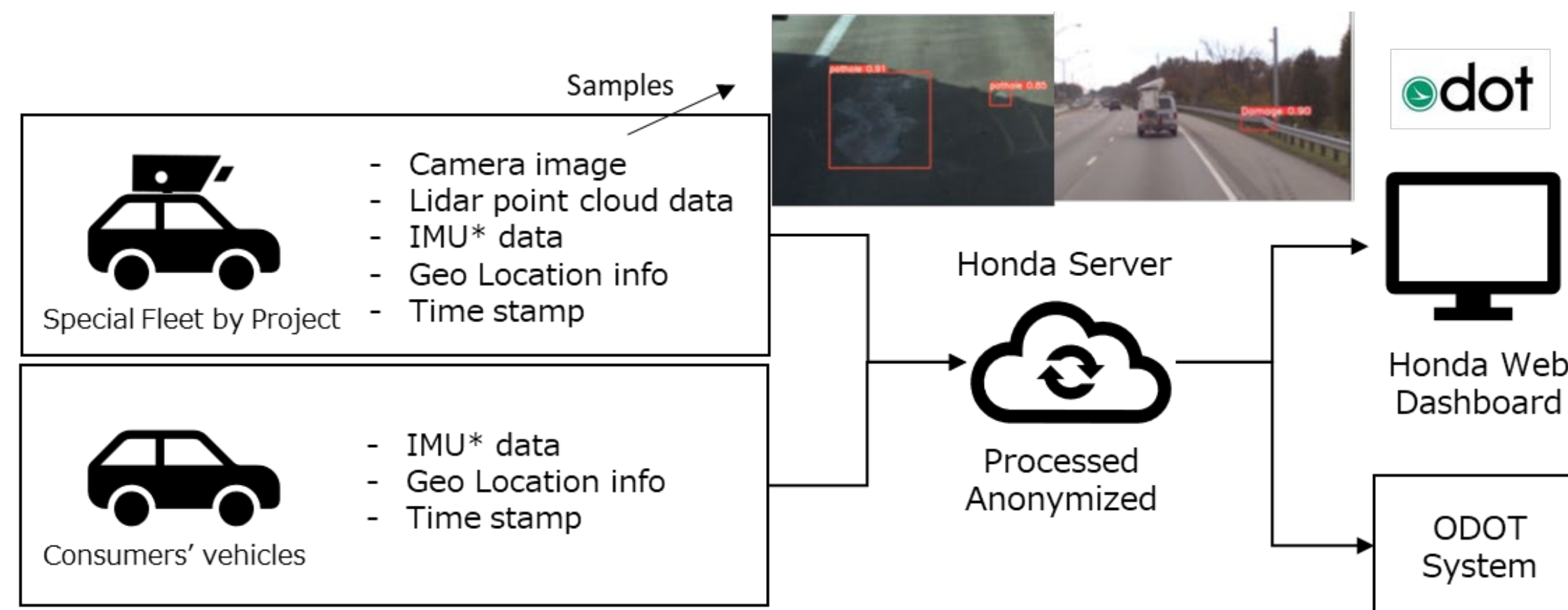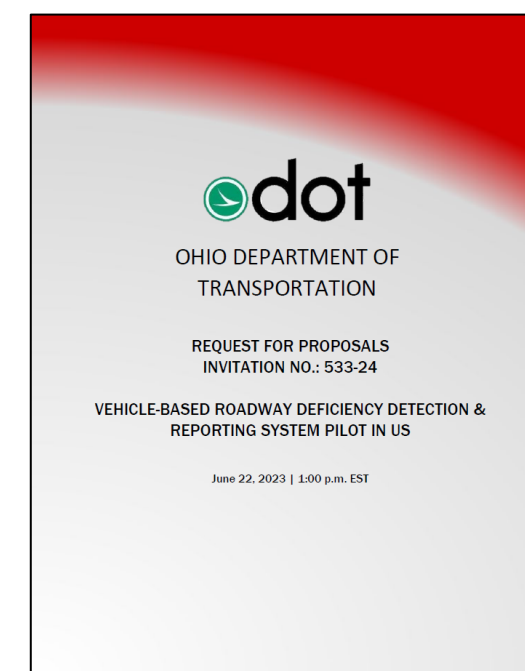# Road Hazard Monitoring System

Objective

Fully utilize a large amount of data to strive for the creation of a safe and secure society by promoting data utilization with higher added value while protecting the rights and interests of individuals.
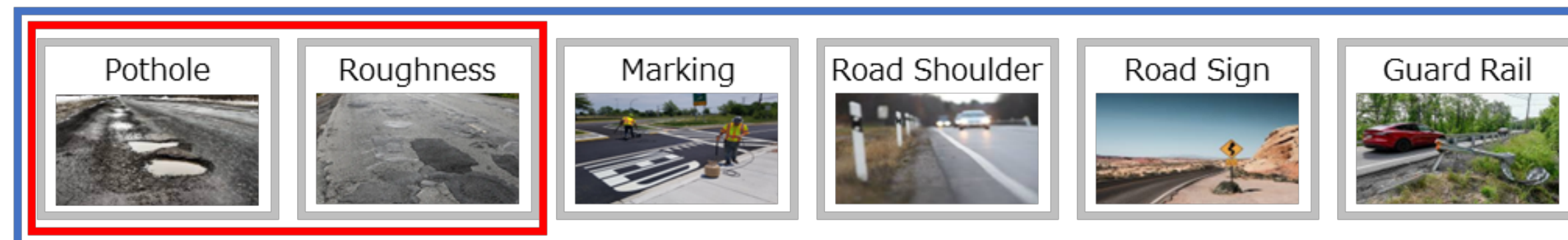
Demonstration Tests

Honda has been proceeding with paid demonstration tests with the State of Ohio.

odot
OHIO DEPARTMENT OF TRANSPORTATION

REQUEST FOR PROPOSALS
INVITATION NO.: 533-24

VEHICLE-BASED ROADWAY DEFICIENCY DETECTION & REPORTING SYSTEM PILOT IN US

June 22, 2023 | 1:00 p.m. EST

Samples

Special Fleet by Project
- Camera image
- Lidar point cloud data
- IMU* data
- Geo Location info
- Time stamp

Consumers' vehicles
- IMU* data
- Geo Location info
- Time stamp

Honda Server
Processed Anonymized

Honda Web Dashboard

ODOT System

*IMU: Inertial Measurement Unit, a device that detects 3-axis angle and acceleration

Conditions to be monitored

| Pothole | Roughness | Marking | Road Shoulder | Road Sign | Guard Rail |

Technical Features

Use vehicle data to effectively manage road maintenance management work that includes not only road surfaces, but also road infrastructure, such as signs and guardrails.

Future Goal

"Honda's vehicles will run, and your city will be happy." Changing drivers into community builders will contribute to the realization of safer, more comfortable roads.

Value to Honda:
"Nicest People Brand!"

you meet the nicest people on a HONDA

Value to Drivers
Proud to be a community builder

Value to City/States
Safer, More Pleasant Roadway

Connected Data Platform

Self-actualization
Esteem
Love/Belonging
Safety
Physiological

HONDA