Indiana Department of Transportation
CAV/ITS Initiatives

Jim Sturdevant
Collaboration with INDOT
INDOT Traffic Management Center / ISP Post #52
TMC Dispatch Centers
TMC Dispatch Centers
ITS Deployment
ITS Expansion Projects

- Beyond 3 major metro areas: All Interchanges FY19-24
- Allen County- Full build of ITS sensors Message Boards, Addition services
ITS Deployment

2019
2020
2021
2022
2023
2024
2025
ATMS Systems
Traffic Systems
Traffic Signals

Signal Communication improvements:

Increasing Communication from 500 to all 2500

Adding connected V2I capability

Adding CCTV at select locations
Traffic Signal Communication Deployment Contracts

2019 CMAQ, Seymour District,
2020 Seymour, Greenfield
2021 Ft Wayne, Laporte
2022 Ft Wayne, Laporte
2023 Laporte, Crawfordsville
2024 Crawfordsville, Vin.
2025 Vin. District

Ongoing replacement with State Forces
Example Jasper & Evansville 2019
Traffic Signal Central System
Research – Aptive and Connected Corridors
Connected Vehicles

**CONNECTED VEHICLE STUDY CORRIDOR**

US-231 Deployment update

1. RSU, CVCP
2. RSU, CVCP
3. RSU, CVCP
4. RSU
5. RSU, CVCP
6. RSU
7. RSU, CVCP
8. Cloud Interface

**Cloud Interface**

1. Powered Ethernet
2. DSRC
3. INDOT TMC

**NextLevel Indiana**
Connected Vehicles – US-231 Corridor
Connected Vehicles – US-31 Corridor in Kokomo, IN
Connected Vehicles
Audi Dashboard Display Examples
Aptive Kokomo Connected Corridor
Aptive Kokomo Connected Corridor
Truck Connectivity – Systems Optimization