Agenda

• NDOT Overview
• Waycare Platform System
• Other Use Cases
• Future Plans
Why Are We Here?
BREAKING DOWN SILOS

CCTV Monitoring (Manual)

Traffic Signal System

Traffic Flow System

Vehicle Count Sensors

Public Outreach
Incoming & Outgoing Data Sources

### Third-Party Data Sources

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<td>GPS Navigation</td>
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<td>GPS Fleet Tracking</td>
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<td>Dash Cams</td>
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### In-Vehicle Data Examples

- Average Speeds
- Hard braking & acceleration zones
- Excess steering zones
- Incident Detection
- User Reporting

### Public Outreach

- twitter
- Waze
- 511
- GovDelivery

### Traffic Flow

- Lane Control
- DMS Boards

### Infrastructure Data Sources

- ATMS
- CCTV
- RWS
- Controllers
- Sensors
- Bluetooth

### Other Data Sources

- Low Enforcement CAD
- Future municipal, county, and stake partners
Other Data Partners
Predictive Analytics
Proactive Crash Prevention Test Case

1. **Waycare** alerts of required action

   ![Waycare Alert]

2. DMS updated with preliminary warning

   ![DMS Preliminary Warning]

3. **Police are** proactively positioned

   ![Police Proactive Positioning]

4. DMS updated with preliminary warning

   ![DMS Preliminary Warning]

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**NEVADA DOT**

**SAFE AND CONNECTED**
WHEN FLASHING

CHAINS OR
4WD/AWD WITH
SNOW TIRES
REQUIRED
Thank You!

For questions or comments please contact:

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Special thanks to: