

Nominal vs Substantive Safety

Substantive Safety is CONTEXT based:

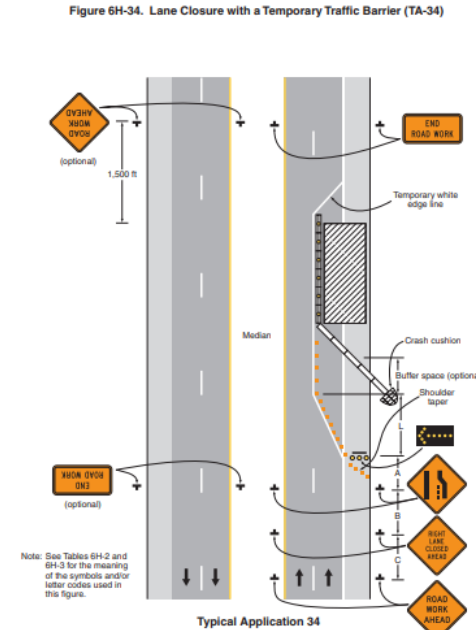
- Hot Spot Projects (Roundabouts)
- Speeds in Urban Areas
- Conflicts & Access Control
- **Work Zone Design (Not just using the “Typical Application”)**
- Systemic Safety

Modifying industry standard design based on actual user behavior through

[Real-time Data Collection & Analysis with Seyond LiDAR Sensors, Cron AI LiDAR Detection Perception Software & Blue Band Integrator AI Traffic/ITS Analytics Software](#)

<https://www.youtube.com/watch?v=m2Y2oZTTmDc>

www.mobilespecter.com



Industry Standard Work Zone

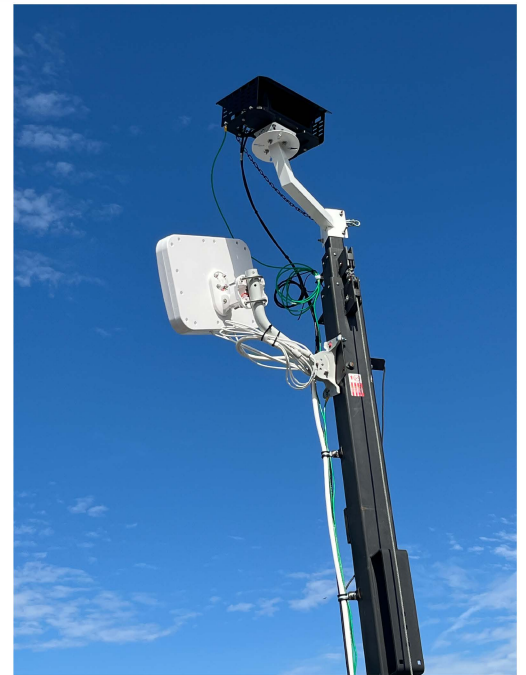
SMARTZONE EQUIPMENT

Credit: NCDOT



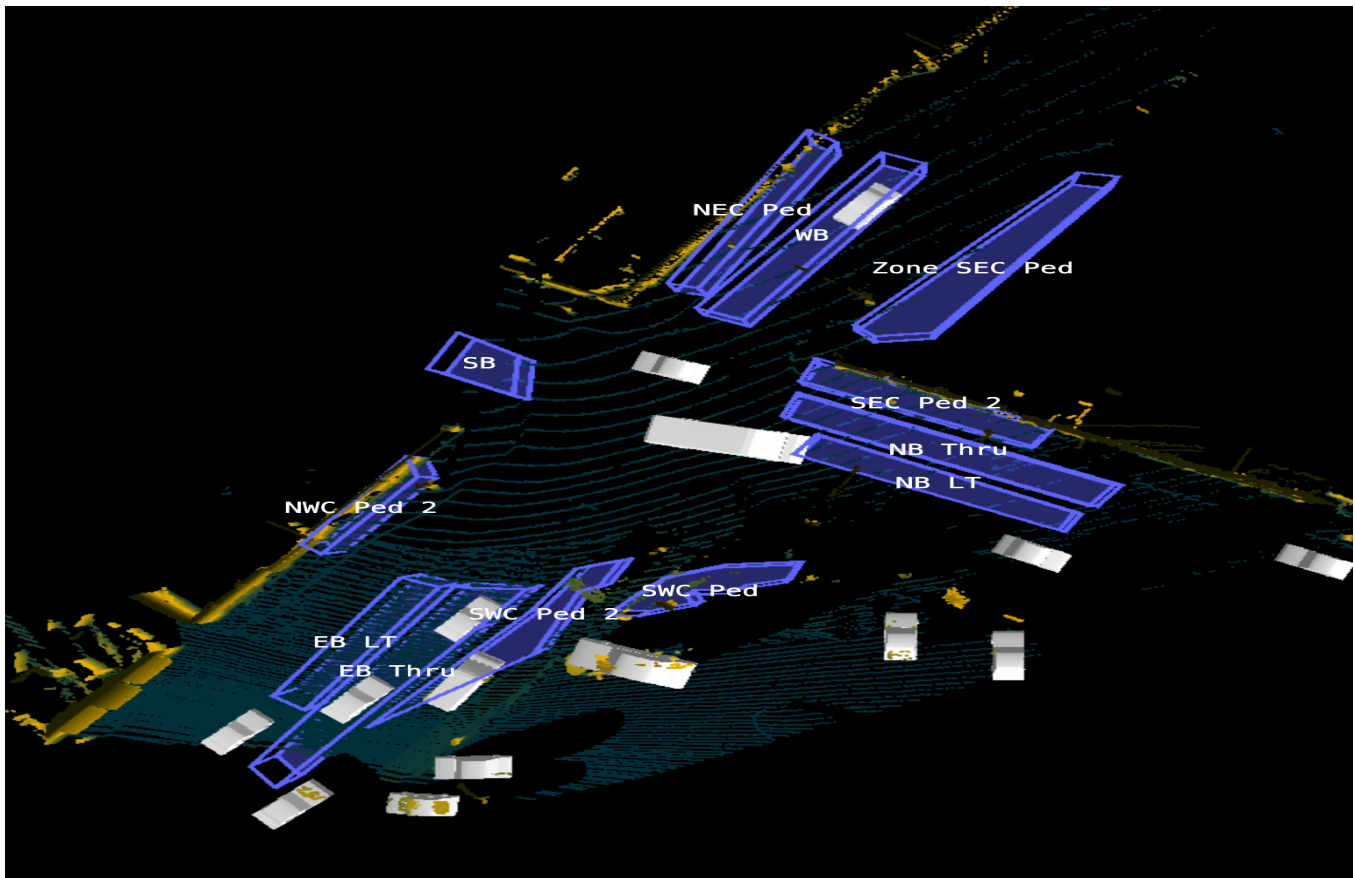
Purebred LiDAR Detection for All Modes of Transportation

Portable, Battery Powered, Wireless LiDAR Trailer Temporary Detection for Vehicles & Pedestrian - 2 Hour Deployment



Genesis Factor, LLC
Greenwood, Indiana
www.mobilespector.com
Sales@mobilespector.com
PASandersmunapp@mobilespector.com
(317) 496-0763

Purebred LiDAR Detection for All Modes of Transportation



Include Pedestrian, Bicycle, and Motorcycle Counts & Movement Tracking into Your Signalization Timings & Synchronization in Real Time.

REMOTELY modify traffic detection zones in construction and temporary work areas.

Intelligent Transport Systems

Vision Zero
 Traffic Management
 Stopped Vehicle Detection
 Worker Safety
 V2X

Smart Cities & Spaces

People and Pedestrian flow management
 Retail Journey and Unit Footfall Dwell Time
 Overcrowding & Long queue management

Contact us for Grant Funding Support Documentation



Genesis Factor, LLC
 Greenwood, Indiana
www.mobilespector.com
Sales@mobilespector.com
PASandersmunapp@mobilespector.com
 (317) 496-0763

Purebred LiDAR Detection for All Modes of Transportation