DSRC V2X Communication System

Installation Image:

- Road Side Unit
- GNSS
- Vehicle
- V2X Unit
- Vehicle Data
- Position Data
- DSRC Message
- Warning
DSRC V2X Communication System

V2V Applications:
Alert to drivers predicting danger or information provision using vehicle-to-vehicle communication

Examples:
- EEBL (Emergency Electronic Braking Lights)
- IMA (Intersection Movement Assist)
- FCW (Forward Collision Warning)
- BSW / LCW (Blind Spot / Lane Change Warning)
- LTA (Left Turn Assist)
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V2I Applications:
Alert to drivers predicting danger or information provision using vehicle-to-infrastructure communication

Examples:
- RLVW  (Red Light Violation Warning)
- CSW  (Curve Speed Warning)
- RSZW  (Reduce Speed / Work Zone Warning)
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V2P Applications:
Alert to drivers predicting danger or information provision using vehicle-to-pedestrian communication

Examples:
- Pedestrian Crossing Assist