DOES YOUR PROJECT CONTAIN ITS COMPONENTS?

An ITS project or a project with ITS components utilities advanced information processing, communications, sensing, or control technologies to improve the safety and efficiency of the transportation system.

EXAMPLES OF ITS PROJECTS AND PROJECTS WITH ITS COMPONENTS

Traffic Management Systems
- Dynamic message signs (DMS) `A2`
- Traffic detection systems `A2`
- Ramp meters `A2`
- Variable speed limit systems `C`
- Video (i.e. Closed-circuit television cameras) `A2`
- Lane control signs `B1` `B2`
- Gate closure systems `B1`
- Traffic management software `B1` `B2`

Traffic Signal Systems
- Interconnecting traffic signals `A1`
- Emergency vehicle preemption (EVP) `A1` `B2`
- Flashing yellow arrows (FYA) `A1`
- Red light running systems `B2`
- Transit signal priority (TSP) `A1` `B2`
- Advance warning flashers `A1`
- Traffic signal control software `B2`
- Enforcement light systems `A1`

Information Dissemination Systems
- Radio broadcasts (e.g. highway advisory radio (HAR)) `B1` `B2`
- 511 systems `B1` `B2`
- Internet websites/webpages `B1` `B2`

Vehicle Management
- Automatic vehicle location (AVL) systems `B1` `C`
- Computer-aided dispatch (CAD) `B1` `C`
- Mobile data terminal (MDT)/mobile data computer (MDC) `B1` `C`

Infrastructure-Based Safety Warning Systems
- Intersection warning systems `C`
- Visibility warning systems `A2`
- Curve warning systems `A2`
- Overheight/overwidth warning systems `C`
- Queue warning systems `C`
- Railroad-highway grade crossing signals and gates `A1`
- Truck rollover warning systems `A2` `C`
- Animal warning systems `C`
- Flood warning systems `A2`

Road Weather Management Systems
- Road weather information systems (RWIS) `A1`
- Automated anti-/de-icing systems `C`

Parking Management Systems `C`

Electronic Toll Collection Systems `B1`

Commercial Vehicle Operations
- Weigh-in-motion (WIM) sensors/stations `A1`
- Electronic screening systems `C`

Communications Systems
- Fiber optic network `A2`
- Twisted pair `B2` `C`
- Wireless network `A2`
- Coaxial cables `B2` `C`

Advance Vehicle Technology
- In-vehicle signing `C`
- Connected vehicles `C`
- Collision warning systems `C`

Legends:

`A1` `A2` Classes A-1 and A-2 Applications

`B1` Class B-1 (Freeway Traffic Management Applications)

`B2` Class B-2 (Arterial Traffic Management Applications)

`C` Class C (Large/Complex Projects)