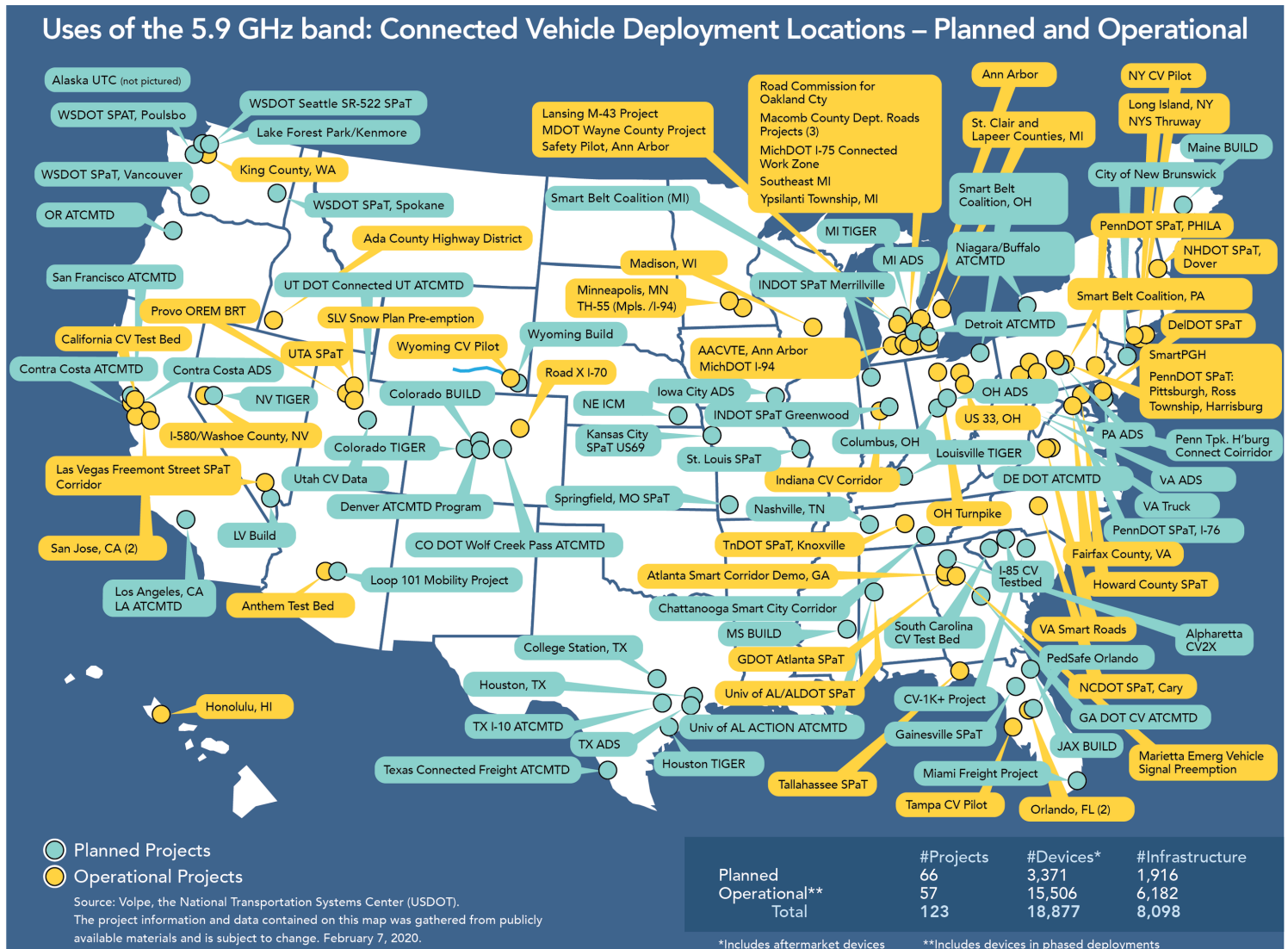


The 5.9 GHz Safety Band

WHERE IS THE SAFETY BAND BEING USED?

The Safety Band is already used by state transportation departments for vehicle-to-vehicle (V2V) and pedestrian collision avoidance, transit priority, traffic monitoring and congestion detection, travelers' alerts, and snow plow and emergency vehicle traffic signal preemption.



There are currently **123 planned or operational connected vehicle deployment locations in the U.S.** all of which use the Safety Band.

More than 18,000 vehicles are deployed with aftermarket V2X communications devices and **over 1,000 infrastructure V2X devices** have been installed at the roadside in **25 states**.

U.S. DOT released AV 3.0 guidance in 2018, highlighting a three-phase research plan that is currently underway and was developed collaboratively with the FCC and the U.S. Department of Commerce to “explore spectrum sharing technology that maintains priority use for vehicle communications.”

For more information, visit:

<https://www.transportation.gov/content/safety-band>