

STRONG FOUNDATION, SMART CITY

MAKING WAY FOR A SMART CITY BEGINS WITH A STRONG FOUNDATION MADE POSSIBLE THROUGH THE INFRASTRUCTURE IN THE GROUND.

Over the course of the last year, the Lancaster community has been introduced to a number of Smart City initiatives, including traffic network upgrades, smart LED lighting, and free high-speed Wi-Fi on The BLVD—just to name a few—with the goal of creating and promoting better experiences for those using City services. These initiatives are made possible via the City's commitment to develop a strong foundation through complex, intelligent infrastructure, starting with the pipes and cables in the ground, upon which a Smart City must be developed to progress. While the groundwork of a Smart City is less visible than a newly constructed road, it is just as robust. A formidable concrete footing is necessary to support local buildings, and an equally strong network base is required to create and support a true Smart City.

More importantly, Lancaster's substructure is linked into one of the most densely interconnected data centers in the world, *One Wilshire*, located in downtown Los Angeles.

After great effort and accomplishing what many cities only dream of, the City of Lancaster has forged a data connection between Northern Los Angeles County and its namesake city, allowing for the creation of even more efficient information technology architecture.

For residents, businesses, and visitors of Lancaster, this ultimately means more options to accommodate ever-evolving technology needs. For our community as a whole, this intelligent infrastructure connects devices and acts as a tether to bring together all of our initiatives, and will make Lancaster more connected and even smarter.

As we continue to perfect current projects and discover new ways to make our City even more technologically progressive, we also seek to strengthen our foundation, as the fortification of our Smart City's 'ground zero' ensures it will serve the generations to come.

SMART CITY INFRASTRUCTURE SNAPSHOT

The City of Lancaster and Landmark Infrastructure Partners have teamed up to enhance cellular connectivity throughout the community.

Cutting edge smart antennas, called Vertex One cellular towers, are being installed at 15 public locations over the next several months to provide residents and visitors extended cellular coverage, as well as faster connections, near the various tower sites.

The first three installation sites to receive this expanded level of service will be Lancaster City Hall, Sgt. Steve Owen Memorial Park, and Rawley Duntley Park. As tower sites go live, we look forward to everyone getting and staying more connected.



City Manager Jason Caudle

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Jason Caudle, City Manager

