

CITY OF FULLERTON, CALIFORNIA

Smart City, Open Access, FTTH Network



DESIGN &
ENGINEERING



FTTH
NETWORK



CONSTRUCTION
DRAWING PACKAGES



HEIGHTENED SHELTER
SECURITY



BROADBAND
EXPANSION

The city of Fullerton is situated in Northern Orange County, California, with an estimated population of 137,000 people. Citizens enjoy a robust mix of residential, commercial and cultural environments and being known as the “Education Community” for its award-winning elementary and secondary school systems as well as five universities and colleges. City officials boast of Fullerton’s outstanding quality of life which is evidenced through its recent efforts to bring fiber to every home and building as well as the infrastructure necessary to develop a true smart city.

Through a partnership with SiFi Networks, Fullerton is deploying an open access, fiber to the home network designed to support future smart city applications as well as 5G deployments. The open access architecture allows multiple service providers to provide services over the network, inviting competition and innovation into the Fullerton marketplace.

As a subcontractor to SiFi Networks, eX² Technology is providing telecommunications shelter site design services for two telecom shelters that will house the

network’s communications equipment. Engineered to meet the rigid requirements of telecom applications, the shelters will help protect field equipment from outside elements and provide an increased level of security.

eX² engineers are working closely with authorities of jurisdiction to determine all applicable codes, requirements and processes required to gain approval and construction permits. eX² provided necessary drawing packages for site and shelter construction, including grading and erosion control, utilities, gas and power specifications as well as rack elevations, DC power and site alarm systems and wiring.

ABOUT US

eX² Technology, a Vivacity Company, is a single source solution for those seeking to build, scale or future proof their communications infrastructure. eX² specializes in standalone and turnkey network design-build-maintain and infrastructure asset commercialization services to maximize customer revenue potential and accelerate broadband expansion throughout the nation.



TRANSFORMING
AMERICA'S INFRASTRUCTURE
ONE PARTNERSHIP AT A TIME™

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