• Over 4,200 small cells for dense 5G networks

• Over $500,000 million in private investment

• Spur economic development Smart City platform and digital inclusion

Broadband Infrastructure
Building the Best 5G Network in the nation
• Connect 50,000 San Jose households
• $24 Million in Digital Inclusion Fund
• Partnership with CETF for donor advised fund
• Performance-driven metrics with Community Based Organizations
Small Cell Team
Process Improvements
Small Cell Team

Process Improvements

2017

5 permits
Small Cell Team
Process Improvements

2017
5 permits

2018
10 permits per week
Small Cell Team Process Improvements

- **2017**: 5 permits per week
- **2018**: 10 permits per week
- **2019**: 30+ permits per week
Process Improvements
People, Process, and Technology
Introduction to Design Process

- Conducting Design Workshops
- Introduction to City of San Jose Standard Details & Specifications
• Developed City’s Small Cell Design Guideline
  http://www.sanjoseca.gov/DocumentCenter/View/83819

• Introduction to Online Application Screening Portal

• Introduction to Online Plan Review Portal

• Development of Street Light Infrastructure Database

Technology
Process Improvements
Overcoming Design Challenges

Process Improvements

• Involving Power Company early in obtaining smart meters

• Templatize Small Cell Equipment and Installation Details on Permit Plans
• Templatize Electrical Service Cabinet Modifications for providing 24/7 power to street lights and small cell equipment

• Performed Circuit Analysis for Determining Capacity

• Performed Structural Analysis for Determining Structural Integrity

Overcoming Design Challenges
Process Improvements
People

Process Improvements

- Provided Staffing Dedicated to Small Cells Permitting Team
- Provided Construction Inspection Support