

Connecting the Vision to Implementation

Smart City Vision (2016)



- Safe
- Inclusive
- User-Friendly
- Sustainable
- Demonstration

KEY: Developed In Process Future

Themes and Strategies for Smart City Roadmap Implementation (2018 – 2020)

Smart Infrastructure	User-Friendly Government	Smart Mobility	Equity
Broadband Strategy IoT Strategy Drone & Robotics Strategy	Open Data Environment strategy Digital Service Strategy Privacy Strategy Data Strategy Procurement Strategy	Autonomous Vehicles Strategy Emerging Mobility Strategy Mobility Strategy	Digital Inclusion Strategy Community Wi-fi strategy Incubator Strategy Homelessness
Safe City	Clean City & Smart Sustainability	Brilliant at the Basics	
Emergency Management Roadmap Safe City Strategy	Climate Smart Plan My San Jose 2.0 EV strategy	Cybersecurity strategy IT Strategic Plan IT infrastructure strategy Business Process Automation	

Smart City Roadmap 2.0 is a work in progress.

At last count, the portfolio is over 600% larger (133 projects) than the Innovation Roadmap 1.0 (22 projects)

80% Big Rocks
20% Small Wonders

The wall displays several key documents and posters:

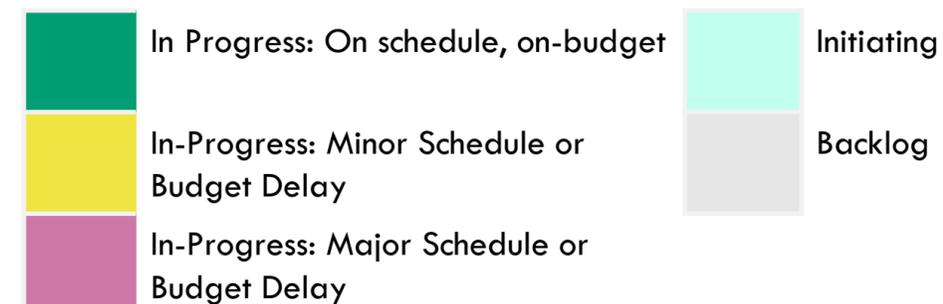
- 2015 Imperative to Innovate**: Strategy: None. Focuses on Customer Experience, Process, Technology, and People.
- 2017 Framework for Innovation**: Strategy: Vision. Focuses on Customer Experience, Process, Technology, and People.
- 2020 Innovation in Action**: Strategy: Roadmap. Focuses on Customer Experience, Process, Technology, and People.
- What we work on**: A Venn diagram with three overlapping circles labeled "INNOVATION", "SCALE", and "TRAILBLAZING". The center is labeled "CORE OUR CITY CAN & SHOULD DO".
- Innovation Roadmap Projects**: A grid showing project status across various categories like "Process Improvement", "Digital Infrastructure", "Data Analytics", etc.

The wall is populated with numerous sticky notes organized into strategic pillars:

- SMART INFRASTRUCTURE**: Includes "Broadband Strategy", "IoT Strategy", "Digital Service Strategy", "EV Strategy", "Autonomous Vehicles Strategy", "Mobility Strategy", "Data Strategy", "Open Data Environment Strategy", "Powered by People Strategy", and "Small Wonders (Action Plan)".
- USER-FRIENDLY GOVERNMENT**: Includes "Privacy Strategy", "Procurement Strategy", and "Brilliant at the Basics".
- SMART MOBILITY**: Includes "EV Strategy", "Autonomous Vehicles Strategy", "Mobility Strategy", and "Powered by People Strategy".
- CLEAN CITY**: Includes "Clean City Strategy".
- SAFE CITY**: Includes "Safe City Strategy".
- DIGITAL EQUITY**: Includes "Digital Inclusion Strategy" and "Community Wi-Fi Strategy".

Sticky notes contain specific project names, dates, and priorities, such as "Digital Service Strategy", "EV Strategy", "Autonomous Vehicles Strategy", "Mobility Strategy", "Data Strategy", "Open Data Environment Strategy", "Powered by People Strategy", and "Small Wonders (Action Plan)".

Theme	In Progress	Initiating	Backlog
Smart Infrastructure	Small Cell permitting team & process improvements	Citywide LED Streetlights	Battery storage solutions
	Small cell deployment	LED Lighting pilot and smart lighting nodes/controllers	Parking Management
	Small Cell street furniture asset management application	Smart City Platform - Building Energy Usage Monitoring	Energy Resiliency Collaboration
	LED Replacement in Downtown	Senter Yard EV Charging Demonstration Project	Blockchain for Solar Power Exchange
	IoT Reference Architecture	Smart Infrastructure Nodes pilot	Volta Charging Stations
	Dig Once Policy	Vehicle Fleet Telematics - Verizon Connect	Structural Monitoring pilot
	Vehicle Fleet Telematics	Smart City Platform - Water Management	
	EV strategy	Vision Zero Intersection Monitoring Services Pilot	



Theme	Key Victory
Brilliant at the Basics	HR/Payroll/Talent/Budget Modernizations My San Jose/CRM/1.0-1.5 Open Data Architecture Revenue System Treasury System Workers Comp System and Service IT Roadmap Brilliant at the Basics
Smart Infrastructure	Broadband Strategy IoT Strategy Broadband Agreements Vehicle Fleet Telematics AV Pilot Projects
User-Friendly Government	Open Data Environment Strategy HR Talent Recruitment Innovators Network Smart City Advisory Board Work Orders through Unity using Salesforce platform
Smart Mobility	Radar Sensor Module Lyft/Mobilize bikes and scooters policy
Equity	AirBnB Partnerships
Safe City	Emergency Management Roadmap Fire Alert System Police Dashboard

Sample goals, outcomes and results from strategy to projects

Theme

Smart Infrastructure

Strategy

Broadband Strategy

Strategy Goals

**Consumer choice
Digital inclusion
Preparing for Smart City**

Project Outcomes

**Negotiated Large Scale Agreements with ATT, Verizon and Mobilite
Established small cell team
Development of Digital Inclusion Program Fund Design, Research & Recommendations**

Desired End Result

**Launch and scale deployment of 4,000 Small cells and 1,000 miles of fiber
Improve small cell process and technology
Launch Smart City zones & Digital Inclusion Strategy**

Operational Metrics

Location Screening
of locations approved with average time to review

Permitting
Permitting time for structural and electrical sub-teams
Average turn-around time for City and Carriers
Average # of review cycles

Site License Agreement
in progress and # executed

Construction
pending final inspection
of sites activated

Next Steps

Continuing collaboration and prioritization of projects with City Departments

Developing and evaluating small wonders prioritization process and selecting small wonders projects

Identifying Resources/Funding for execution at scale

Developing a framework for identifying strategic outcomes and metrics for strategies with Department support