Today's Agenda

(d) 1 – Smart City Roadmap Update

(d) 2 – 2020-2022 Innovation and Technology Strategic Plan

(d) 3 – Business Tax Amnesty Solution

Smart Cities and Service Improvements Committee
March 5, 2020

Kip Harkness, Deputy City Manager
Rajani Nair, Smart City Manager
Erik Jensen, Small Wonders Manager

(d) 1 Smart City Roadmap Update

Smart Cities and Service Improvements Committee

March 5, 2020

Rajani Nair, Smart City Manager

Erik Jensen, Small Wonders Manager

PRIORITIZED SMART CITY ROADMAP 2.0 MARCH 2019

THEMES ALPHABETIZED

User-Friendly Government	Integrated Permitting System	Privacy Strategy	City Website	My San Jose	Digital Services Strategy	Data Strategy	Start Up in Residence (STiR) program	Master Address Database Integration		
Smart Mobility	Autonomous Vehicle – First and Last Mile	Transportation Events Tracking (E-tracker)								
Smart Infrastructure	Small Cell permitting and deployment	Small Cell Permitting and Process Improvements	Facebook Terragraph Wi-Fi	IoT Reference Architecture						
Safe City	Safe City Strategy	FirstNet Evaluation and Migration	Silicon Valley Regional Communi-cation System	Fire Station Alerting System	Fire Department Business Intelligence					
IT Roadmap	Cybersecurity Work Plan	IT Infrastructure Modernization	City Open Data Environment	Business Tax	Products Management-Projects Execution	Business Tax Amnesty Solution	Advanced Cybersecurity Products and Service RFP	Cybersecurity Policy	Community Engagement through Data	IT Staff Skill-Up and Engagement
Equity	Digital Inclusion Program Fund	Community Wi-Fi Strategy	Rent Registry (Apartment Rent Ordinance)	Access Eastside	Joint/School Issued Library Cards	Data Migration Tool				
Climate Smart	EV Strategy	Greenhouse Gas Emissions Report and Dashboard	Residential Housing Natural Gas Elimination Roadmap							

LEGEND – PROJECT STATUS

- ON TRACK
- ISSUES WITH SCHEDULE, BUDGET OR SCOPE
- AT RISK, CORRECTIVE ACTIONS NEEDED

HIGHEST → LOWEST

RELATIVE PRIORITY OF PROJECTS FROM HIGH TO LOW

PRIORITIZED SMART CITY ROADMAP 2.0 MARCH 2020

User-Friendly Government	Integrated Permitting/ Development Transformation	Privacy Strategy	San Jose 311	Digital Services Strategy	Data Strategy	Start Up in Residence (STIR) program		
Smart Mobility	Autonomous Vehicle – First and Last Mile	Transportation Events Tracking (E-tracker)	Verizon Traffic Data Services Pilot	Access and Mobility Plan	Micro-mobility sidewalk and data pilots			
Smart Infrastructure	Small Cell Permitting Deployment and Process Improvements	LED Smart Controllers	IoT Reference Architecture	Building Energy Usage Monitoring	Facebook Terragraph Wi-Fi	AT&T Community Wi-Fi at Community Centers/Parks		
Safe City	Safe City Strategy	FirstNet Deployment	Silicon Valley Regional Communi-cation System	911/311 Transition	Fire Station Alerting System	EOC Damage Assessment GIS tools and capabilities	Verizon Intersection Safety Analytics	Smart Digital Infrastructure Nodes – AT&T pilot
IT Roadmap	Cybersecurity Work Plan	IT Infrastructure Modernization	City Open Data Environment	Business Tax System	Advanced Cybersecurity Products and Service RFP	Business Process Automation	Tech Deployment Improvements	
Equity	Digital Inclusion Program Fund	Community Wi-Fi Strategy	Rent Registry (Apartment Rent Ordinance)	Access Eastside	DAHLIA Affordable Housing Portal	AT&T Tech for Good Pilot	Verizon STEM	
Climate Smart	Electric Mobility Strategy & Roadmap	Greenhouse Climate Smart Engagement	Residential Housing Natural Gas Elimination Roadmap					

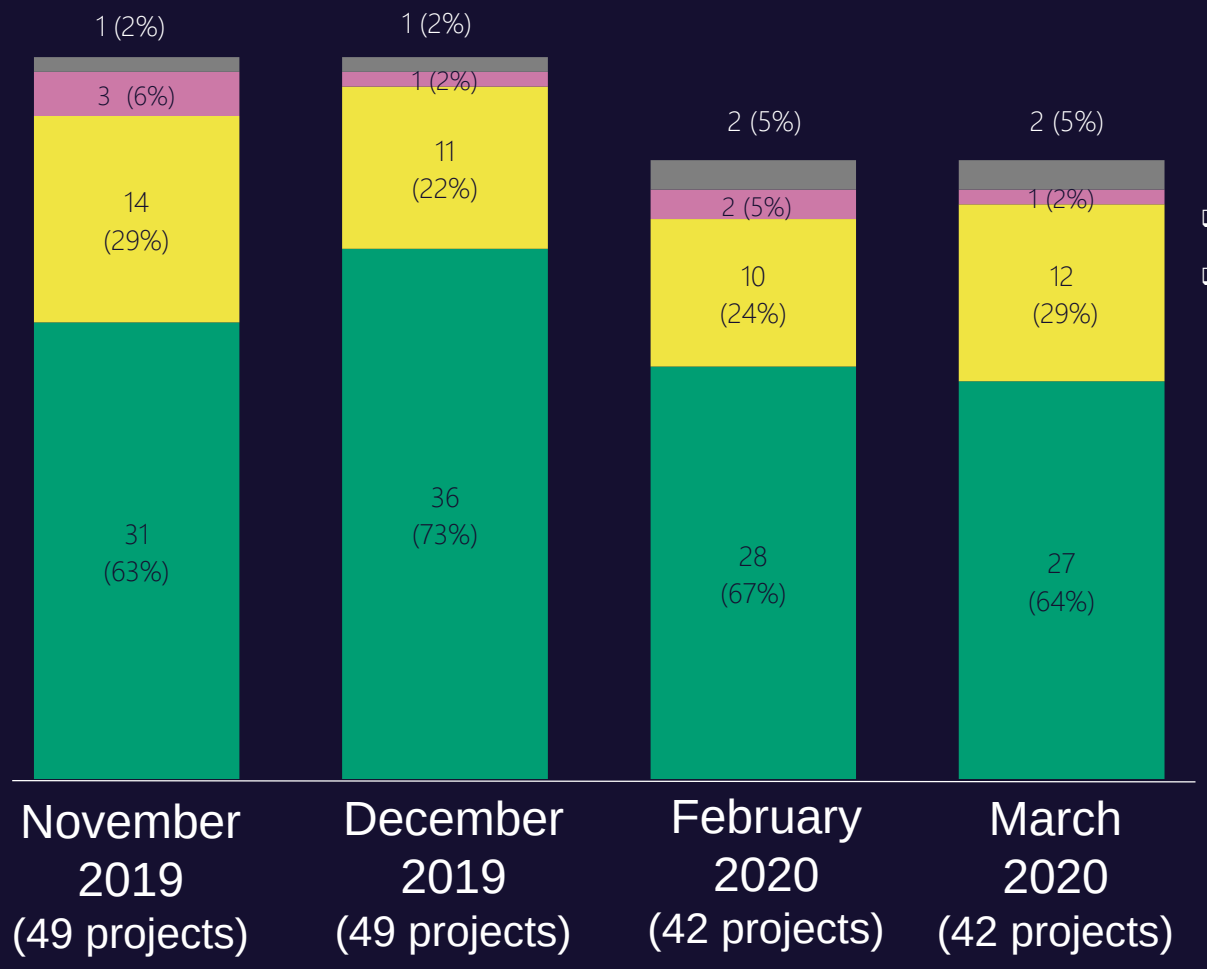
CHANGE IN PROJECT STATUS

LEGEND – PROJECT STATUS

- ON TRACK
- AT RISK, CORRECTIVE ACTIONS NEEDED
- ISSUES WITH SCHEDULE, BUDGET OR SCOPE
- ON HOLD

HIGHEST → RELATIVE PRIORITY OF PROJECTS FROM HIGH TO LOW → LOWEST

SMART CITY ROADMAP 2.0 PERFORMANCE MARCH 2020



MONTHLY SUMMARY OF STATUS CHANGES

- Integrated Permitting/Development – Green to Yellow
- FirstNet Deployment – Red to Green

LEGEND – PROJECT STATUS

- ON TRACK
- ISSUES WITH SCHEDULE, BUDGET OR SCOPE
- AT RISK, CORRECTIVE ACTIONS NEEDED
- ON HOLD

SMART CITY ROADMAP 2.0 – RED STATUS SUMMARY

Project Name	Corrective Course of Action - next milestone to date	Duration of Red Status (since March 2019)
My San Jose	Pursing change orders (includes language translation) for 1.x for council approval by April 2020 and confirming scope and approach for My San Jose 2.0	13 months

UNLEASH YOUR GEEK – MARCH 2020

Theme	Operational Efficiency	Community Benefit/Unleash Your Geek
User-Friendly Government		Multilingual Tools for Emergency Management
		Real-Time Interpretation Tools for Limited and non-English Speaking Residents
Smart Mobility	Transportation Data Platform	
	Traffic Signal Optimization	
Smart Infrastructure		
Safe City		Unmanned Aerial System (UAS) for Emergency Response
Equity	Housing Voucher Tenant Discrimination Detection and Reporting	
Climate Smart		Multilingual Technology for Recycling Behavior Change

LEGEND – PROJECT STATUS

ON TRACK

ISSUES WITH SCHEDULE, BUDGET OR SCOPE

AT RISK, CORRECTIVE ACTIONS NEEDED

INITIATING SMALL WONDERS CHALLENGE

Innovation Learning Lab + Unleash Your Geek

Calling all Innovators.

Powered by People.

CivicMakers

What to Expect.

The City of San José Innovation Learning Lab is a development experience designed to foster a culture of innovation and collaborative problem-solving across Departments. It also gives participants the opportunity to solve a meaningful problem in the City in collaboration with department leadership and a technology startup to design, test, and implement a solution. Along the way, participants will receive training in technology and innovation skillsets and mindsets.

Innovation Learning Lab Timeline

Applications Open: Jan 22nd
Applications Close: Feb 21st

Submit Applications with Supervisor Approval
Evaluation by Human Resources + Civic Innovation

March - April 2020

Lab Session #1: Project Management + Agile + Human-Centered Design
Lab Session #2: Refining the Challenge
Lab Session #3: Data, Privacy + Tech 101
Coaching + project work

May – July 2020

Lab Session #4: Revising + Evaluation Solutions
Lab Session #5: Storytelling + Metrics
Coaching + project work
Determine partnership next steps
Measure success

August 2020

Demo Day

Green Spotlight Business Tax Amnesty

SMART 50 AWARDS

(d) 1 Smart City Roadmap Update

Smart Cities and Service Improvements Committee

March 5, 2020

Rajani Nair, Smart City Manager

Erik Jensen, Small Wonders Manager