

# Today's Agenda

- (d) 1 – Smart City Roadmap Update
- (d) 2 – Privacy Policy Update
- (d) 3 – City Website & Digital Services Update
- (d) 4 – 2021 – 2023 Innovation and Technology Strategic Plan

Smart Cities and Service Improvements Committee  
November 5, 2020

# **(d) 1 – Smart City Roadmap Update**

Smart Cities and Service Improvements Committee

November 5, 2020

Rajani Nair, Assistant to the City Manager, Civic Innovation

Michael Foster, Division Manager, Information Technology Innovation

# Smart City Roadmap 3.0

## Response to COVID-19

August 2020

|                          |   |  |   |                                  |  |   |   |   |              |  |
|--------------------------|---|--|---|----------------------------------|--|---|---|---|--------------|--|
| User-Friendly Government | Development Services Transformation                       | Privacy Strategy                           | San Jose 311  | Digital Services Strategy        | Data Strategy  | Start Up in Residence (STIR) program                          | GIS Strategic Plan                                    |   |              |  |
| 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 Communication 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                          | Remote Work Portal                              |              |  |
| Equity                   | Digital Inclusion Program Fund                            | Community Wi-Fi Strategy                   | Rent Registry (Apartment Rent Ordinance)                  | Access Eastside                  | Community Wi-Fi at Libraries and Community Centers/Parks | SJ Access Hotspots Distribution with ATT                      | Affordable Housing Web 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       |                                  |  |   |   |   |              |  |
| Small Wonders            | Multilingual Emergency Management Tools                   | Transportation Data Platform               | Real-Time Interpretation for Limited/non-English Speakers | Traffic Signal Optimization      | Unmanned Aerial System (UAS) for Emergency Response      | Housing Voucher Tenant Discrimination Detection and Reporting | Multilingual Technology for Recycling Behavior Change |   |              |  |

- ★ Completed Projects
- Pilots Scaled And Converged With Existing Projects
- Prioritized Projects
- New Projects Post Covid-19


Higher ————— Relative Priority of Projects —————> Lower

# Smart City Roadmap 3.0





## Response to COVID-19

August 2020

|                          |   |                                 |   |   |                    |
|--------------------------|---|---------------------------------|---|---|--------------------|
| User-Friendly Government | Development Services Transformation                                       | Privacy Strategy                | San Jose 311/911/311 Transition                           | Data Strategy                                   | GIS Strategic Plan |
| Smart Mobility           | Transportation Events Tracking (E-tracker)/ Verizon Traffic Data Services |                                 |   |   |                    |
| Smart Infrastructure     | Small Cell Permitting Deployment and Process Improvements                 | LED Smart Controllers           | Building Energy Usage Monitoring                          |   |                    |
| Safe City                | FirstNet Deployment   |                                 |   |   |                    |
| IT Roadmap               | Cybersecurity Work Plan   | IT Infrastructure Modernization | Business Tax System                                       | Business Process Automation                     | Remote Work Portal |
| Equity                   | Digital Inclusion Program Fund  | Access Eastside                 | Community Wi-Fi at Libraries and Community Centers/Parks  | SJ Access Hotspots Distribution Program w/ AT&T |                    |
| Climate Smart            |   |                                 |   |   |                    |
| Small Wonders            | Multilingual Emergency Management Tools                                   | Transportation Data Platform    | Real-Time Interpretation for Limited/non-English Speakers |   |                    |

 Prioritized Projects

### Legend | Project Status

-  On Track
-  Issues with Schedule, Budget, or Scope
-  At Risk, Corrective Actions Needed
-  On Hold

Higher  Relative Priority of Projects  Lower

# Smart City Roadmap 3.0

## Response to COVID-19

November 2020


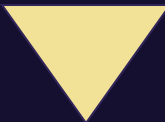
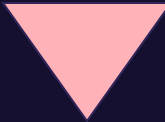
|                          |   |                                 |   |   |                    |
|--------------------------|---|---------------------------------|---|---|--------------------|
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| Small Wonders            | Multilingual Emergency Management Tools                                   | Transportation Data Platform    | Real-Time Interpretation for Limited/non-English Speakers |   |                    |

### Legend | Project Status

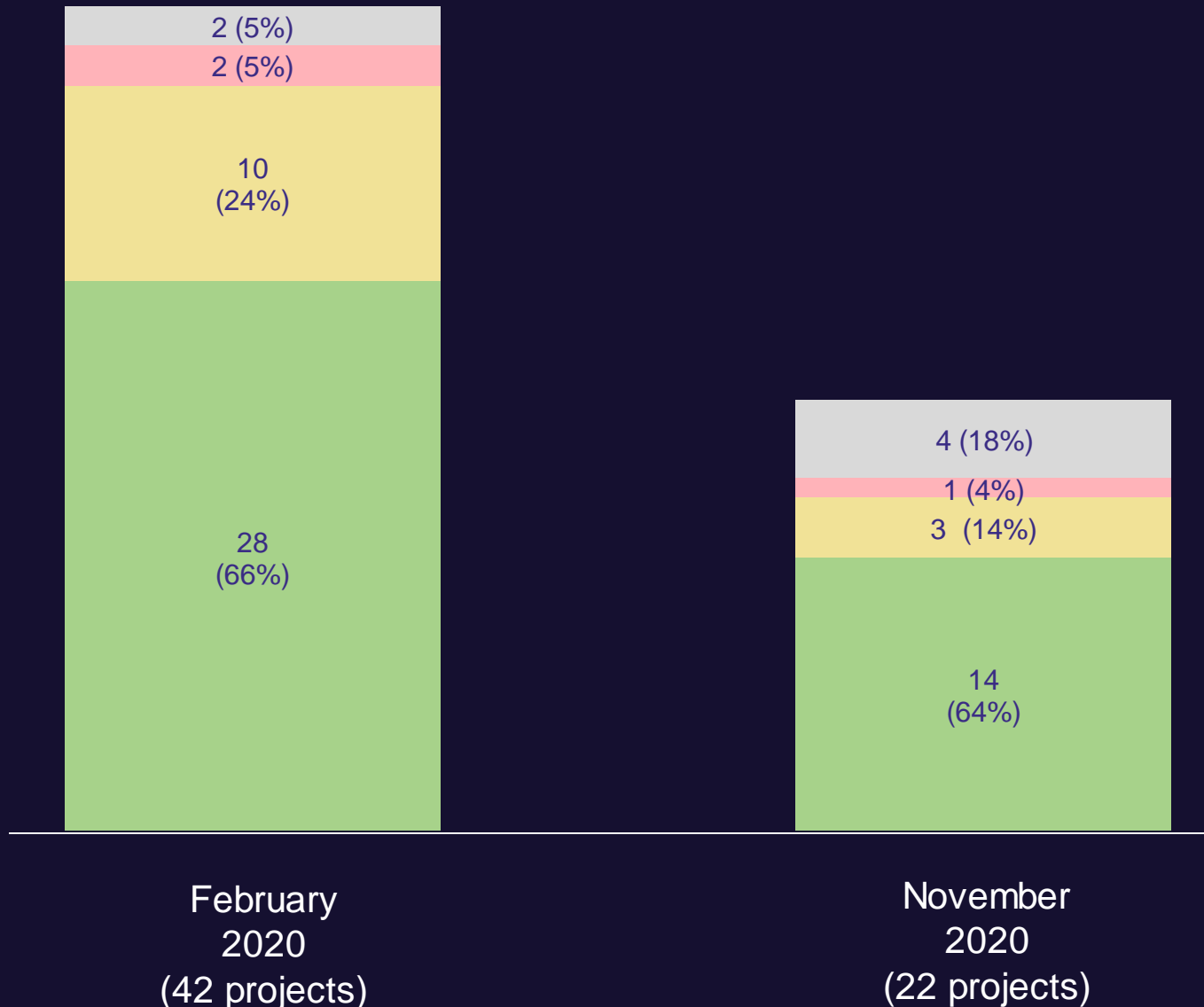
- On Track
- Issues with Schedule, Budget, or Scope
- At Risk, Corrective Actions Needed
- On Hold

Higher ————— Relative Priority of Projects —————> Lower

## SMART CITY ROADMAP 2.0 – RED STATUS SUMMARY

| Project Name               | Scope   | Schedule  | Budget  | Issue   | Corrective Course of Action             |
|----------------------------|---|---|---|---|---|
| <b>FirstNet Deployment</b> |  |  |  | Budget issues arose due to unanticipated expenses | CMO is working to close the funding gap |

# Smart City Roadmap 3.0 Response to COVID-19 Performance November 2020



## NOTES:

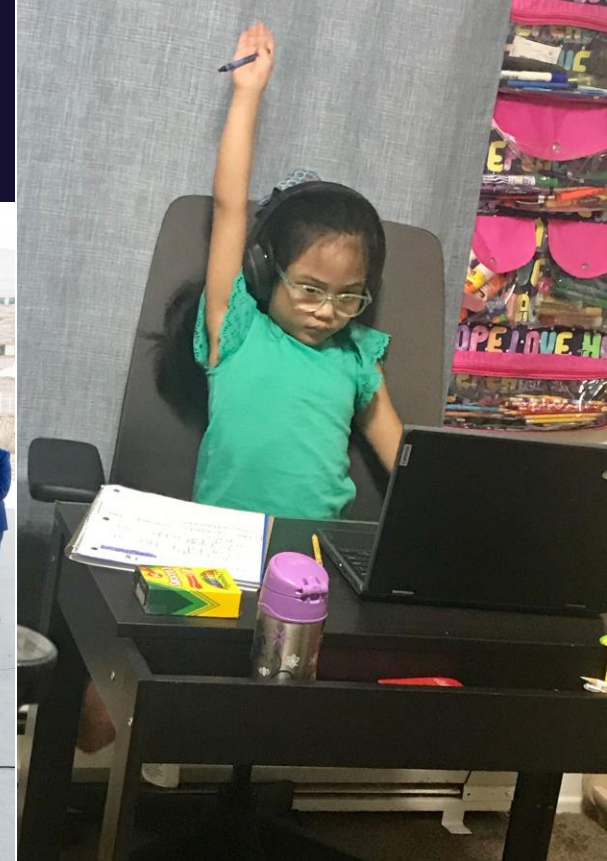
- ❑ No Smart Cities Committee meeting updates between March and June 2020
- ❑ Roadmap refresh in August 2020 (EOC priorities)

## Legend | Project Status

- On Track
- Issues with Schedule, Budget, or Scope
- At Risk, Corrective Actions Needed
- On Hold



# Success Stories





# City Portfolio-Products-Projects Office (C3PO)



**Portfolio**

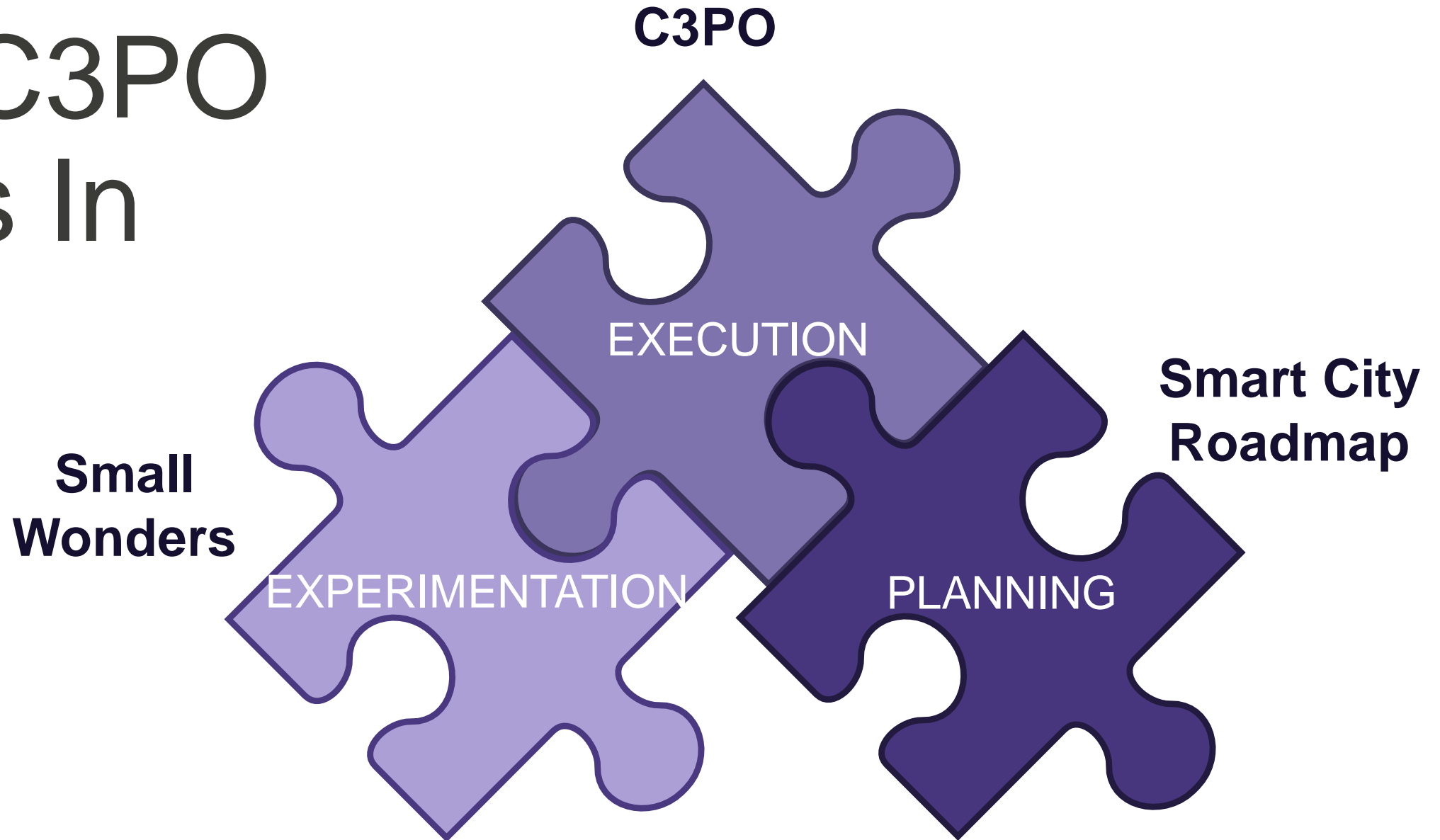


**Products**

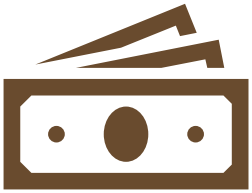


**Projects**

# How C3PO Fits In

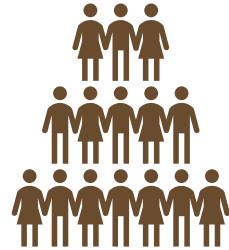


# C3PO in the Mix



Greater  
Than  
\$500,000

OR



Involves  
More Than  
1 Dept.

OR



Greater  
than 1 Year  
in Execution

OR



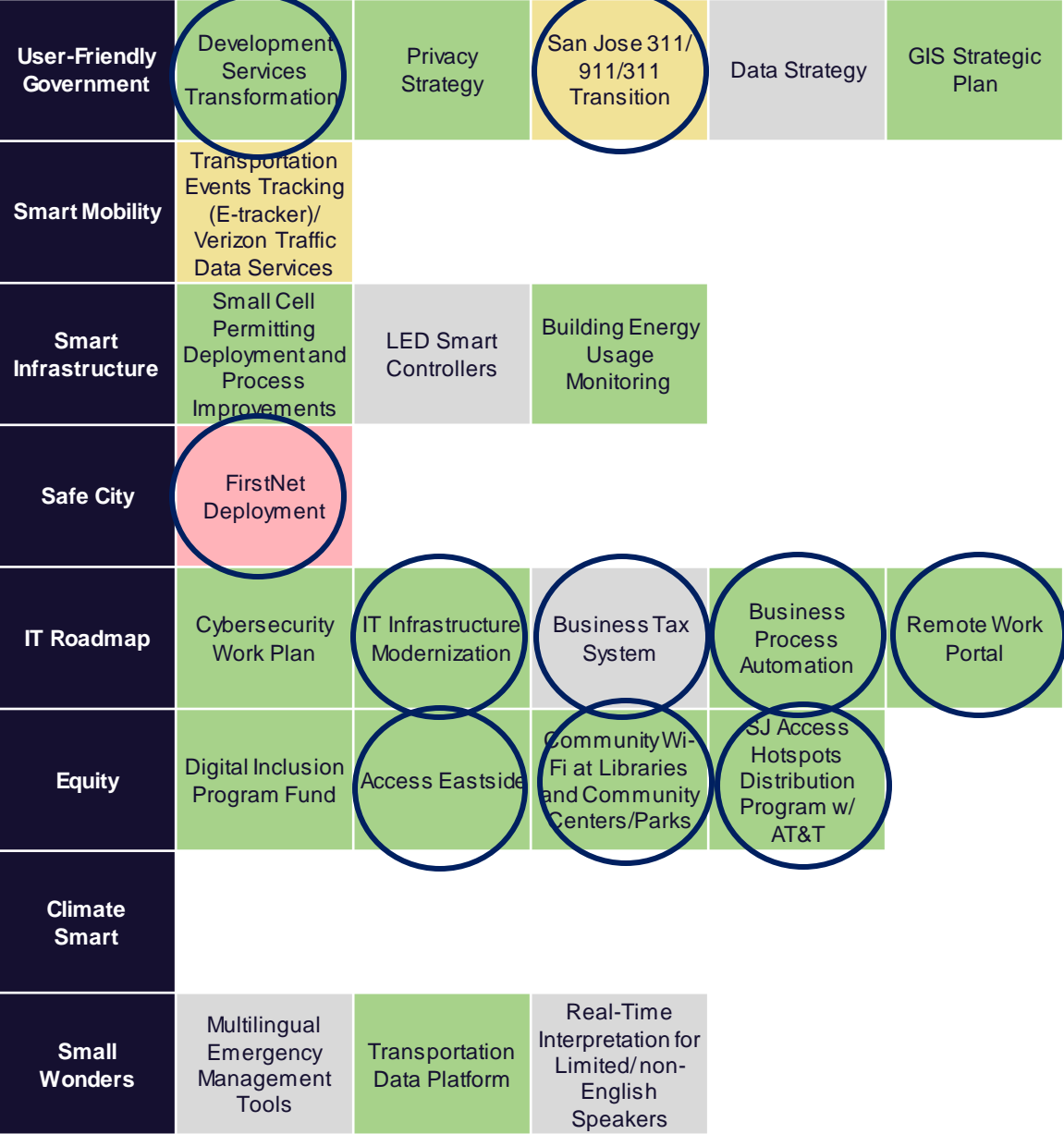
High Profile or  
Sensitive to the  
City

+ support and train others on their initiatives throughout the City

# Smart City Roadmap 3.0

## Response to COVID-19

November 2020



Managed by C3PO

**Legend | Project Status**

On Track

Issues with Schedule, Budget, or Scope

At Risk, Corrective Actions Needed

On Hold

# THANK YOU!



**Yasmeen Fatimah**  
Recycle Plus



**Rajani Nair**  
Smart City Manager



**Nira Datta**  
UI/UX



**Sarah Papazoglakis**  
Senior Privacy Lead



**J. Guevara**  
Broadband Manager



**Kerstyn Olsen**  
Digital Inclusion Partnership  
Manager



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