

SMARTSA

INNOVATION ZONES

City Council “B” Session

Jose De La Cruz, Chief Innovation Officer

June 6, 2018

PRESENTATION OVERVIEW

- SmartSA Background
- Innovation Zones
- Next Steps

SMARTSA BACKGROUND

SMART CITY VISION

“To be a connected, inclusive,
and resilient community
supporting a high quality of life”

SmartSA GOVERNANCE STRUCTURE

SmartSA
Leadership



COSA



CPS



SAWS



VIA



SARA

Focus
Areas



Mobility



Access to
Services



Environment
& Utilities



Infrastructure
& Data

Collaboration

Advisors

CURRENT EFFORTS



**Data
Sharing**



**Inventory
of Projects**



**Innovation
Zones**



**Customer
Engagement**

COMPARATIVE CITY

EXAMPLES



INNOVATION ZONE

Proving ground to allow cities to **test emerging technology** in a **real-world setting**

INNOVATION ZONES

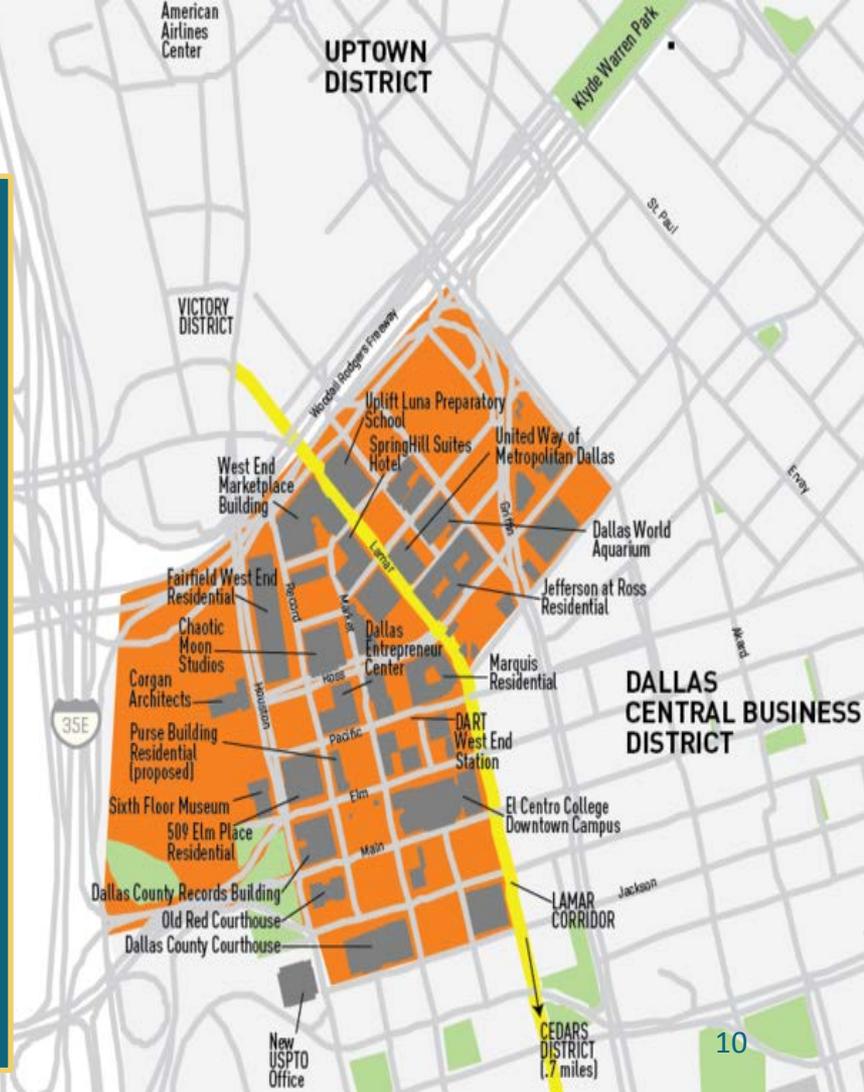
- Advance SmartSA pilot projects
- Support SA Tomorrow regional plans
- Embrace new & emerging technology
- Immediate actionable insights



DALLAS

WEST END DISTRICT

- Phase I pilots:
 - Smart lighting
 - Digital kiosks
 - Environmental Sensors
- Phase II pilots:
 - Smart parking
 - Smart irrigation and water management
 - Public Wi-Fi



DENVER

PEÑA STATION

- Creating a Working and Living Lab
- Pilot cutting edge technology in a neighborhood setting



LAS VEGAS

INNOVATION DISTRICT

- Test bed for new Internet of Things innovations
- Areas of concentration:
 - Smart infrastructure
 - Autonomous vehicles
 - Connected corridors



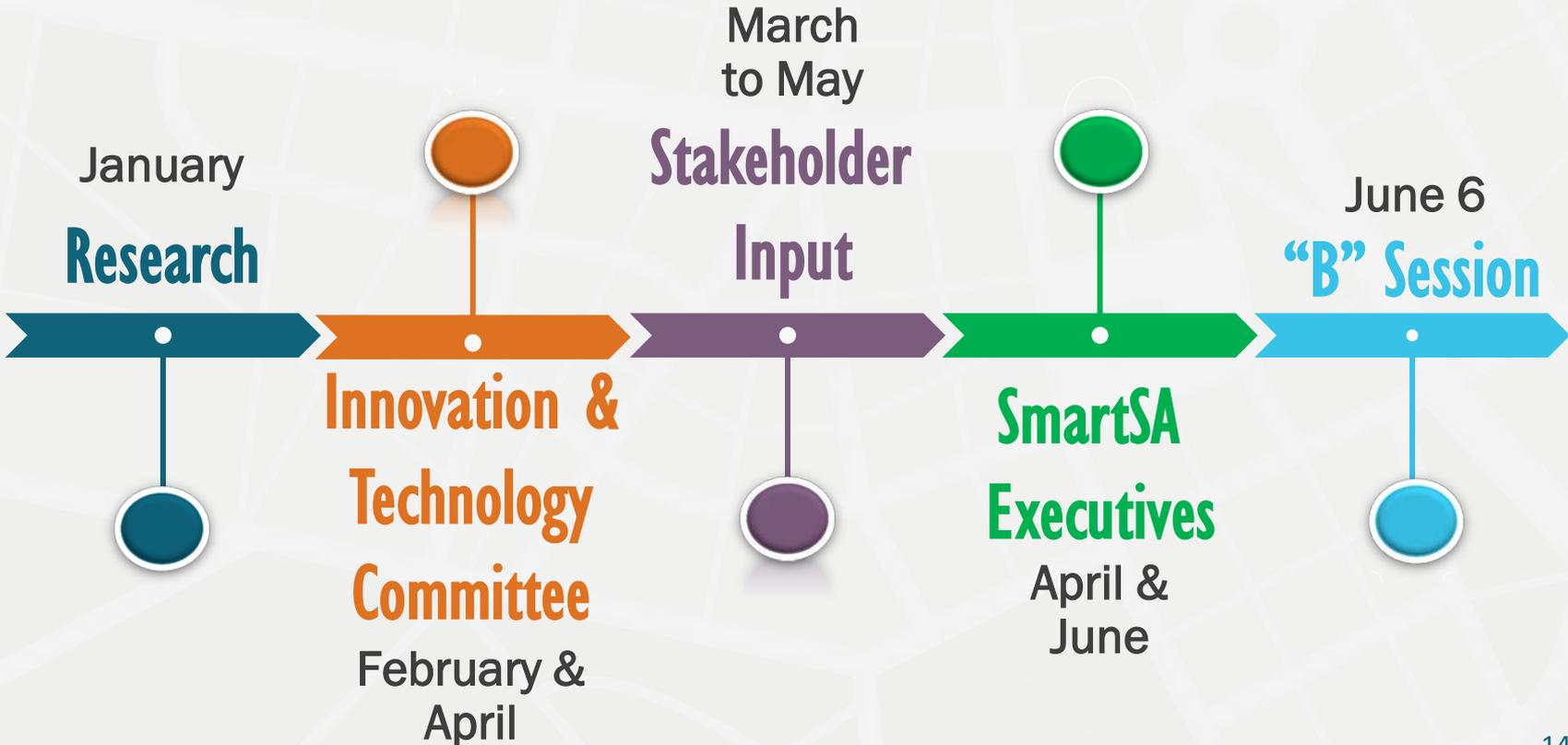
KANSAS CITY

SMART CITY CORRIDOR

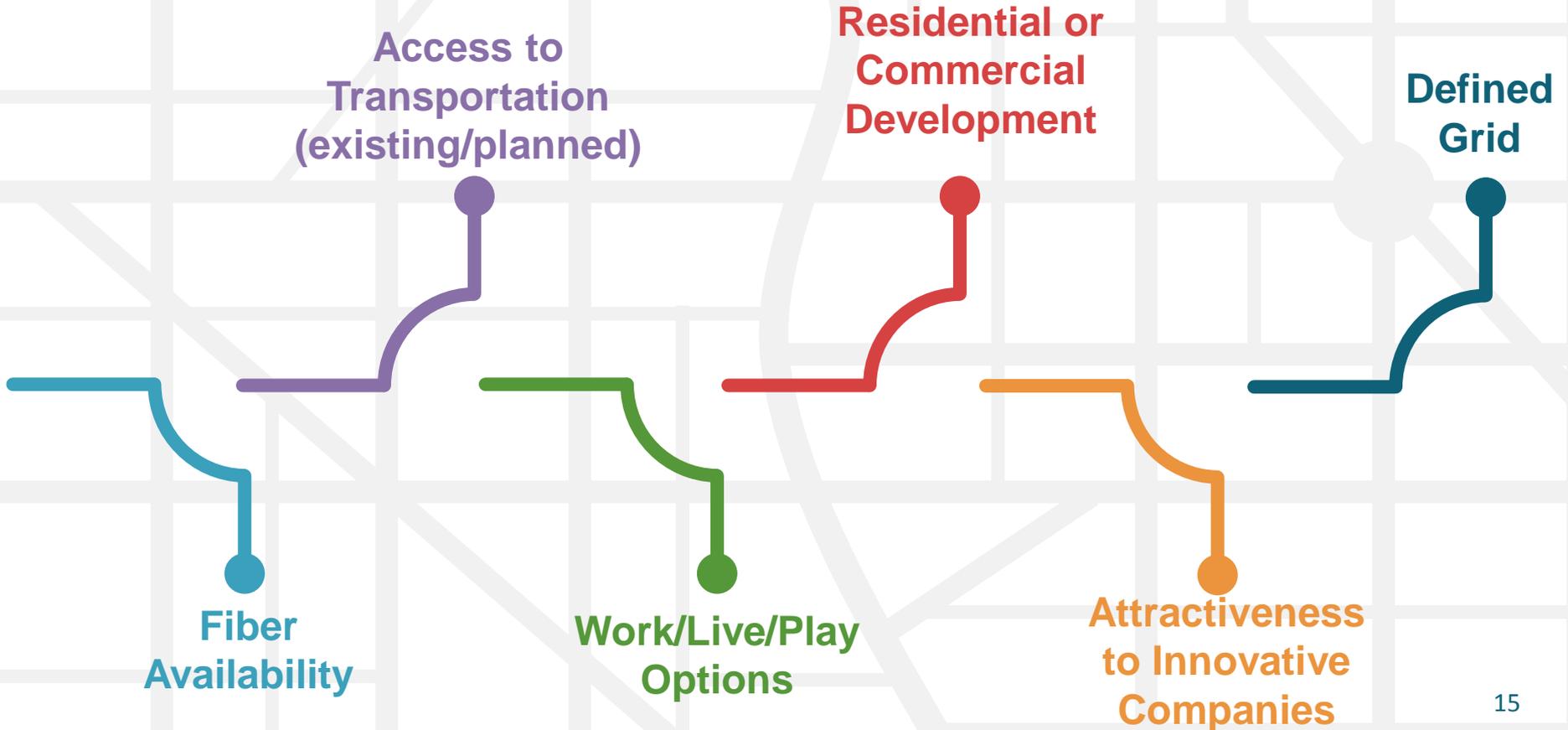
- 2-mile street car route
 - Smart streetlights & sensors
 - Digital kiosks
 - Free public Wi-Fi



INNOVATION ZONE DEVELOPMENT TIMELINE - 2018



INNOVATION ZONE CONSIDERATIONS



BROOKS



BROOKS

PROFILE

- 1,308-acre community with live, learn, work, and play options
- Nearly 40 businesses located at Brooks
- Opportunities around:
 - Transportation of people and goods
 - Flooding / drainage
 - Public Wi-Fi



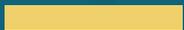
BROOKS

BENEFITS

- “Mini-city” with live, learn, work, and play options
- Integration with Master Plan
- Build on SATRIP project
- Controlled environment



MEDICAL CENTER



MEDICAL CENTER

PROFILE

- Major cluster of healthcare facilities, including 12 hospitals and 5 specialty institutions
- Diverse area supporting industries like technology, healthcare, and education
- Opportunities around:
 - Traffic congestion
 - Parking
 - Pedestrian safety



MEDICAL CENTER

BENEFITS

- Integration with Master Plan
- Impacts large number of residents and visitors
- Opportunity to test various mobility use cases
- Variety of large employers



DOWNTOWN



DOWNTOWN

PROFILE

- Historic and cultural center of the city
- Diverse area supporting industries like tourism, finance and government
- Opportunities around:
 - Parking
 - Pedestrian safety
 - Lighting
 - Transit



DOWNTOWN

BENEFITS

- Integration with Activate Houston and Downtown Master Lighting Plan
- Downtown Tech District
- Growing live/work/play options
- Impacts large number of residents and visitors



PROCUREMENT

STRATEGY



PROCUREMENT STRATEGY



- Vendor Summit
- Competitive Sealed Proposal
- Short-list respondents
- Implement solutions
- “Best and Final Offer” after completion of pilots
- Final Selection

NEXT STEPS



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