

Smith Innovation Hub Infrastructure Master Plan

Tempe City Council Meeting

January 6, 2022



Tempe

Making waves in the desert

City Council Strategic Priority Performance Measures



Safe and Secure Communities 1.05

Feeling of safety in your neighborhood.



Quality of Life 3.26

Achieve a multimodal transportation system (20-minute city) where residents can walk, bicycle or use public transit to meet all basic daily, non-work needs.

NOVUS

Tempe Marketplace

Rio Salado Pkwy

Rio 2100



APS Facilities

McClintock Dr

Industrial Dr

Third St

Clark Dr

Rockford Dr

River Dr

Siesta Ln

Smith Innovation Hub

Fifth St

Sixth St

Hacienda Dr

Perry Ln

Smith Rd

Rockford Dr

River Dr

Sixth St

Price Rd



Tempe neighborhoods



Tempe neighborhoods

River Dr

Tempe neighborhoods

University Dr

Purpose



- Guide public and private infrastructure improvements
- Identify and prioritize infrastructure needs for short- and long-term timeframes
- Provide planning-level costs and prepare an implementation plan

Public Outreach Results - #1



BUSINESS SURVEY

19 Responses



22

Virtual Attendees



VIRTUAL MEETING

June 4, 2021



COMMUNITY SURVEY

17 Responses



Public Outreach Results - #2



IN-PERSON MEETING

July 30, 2021



OVER 20
In-Person
Attendees



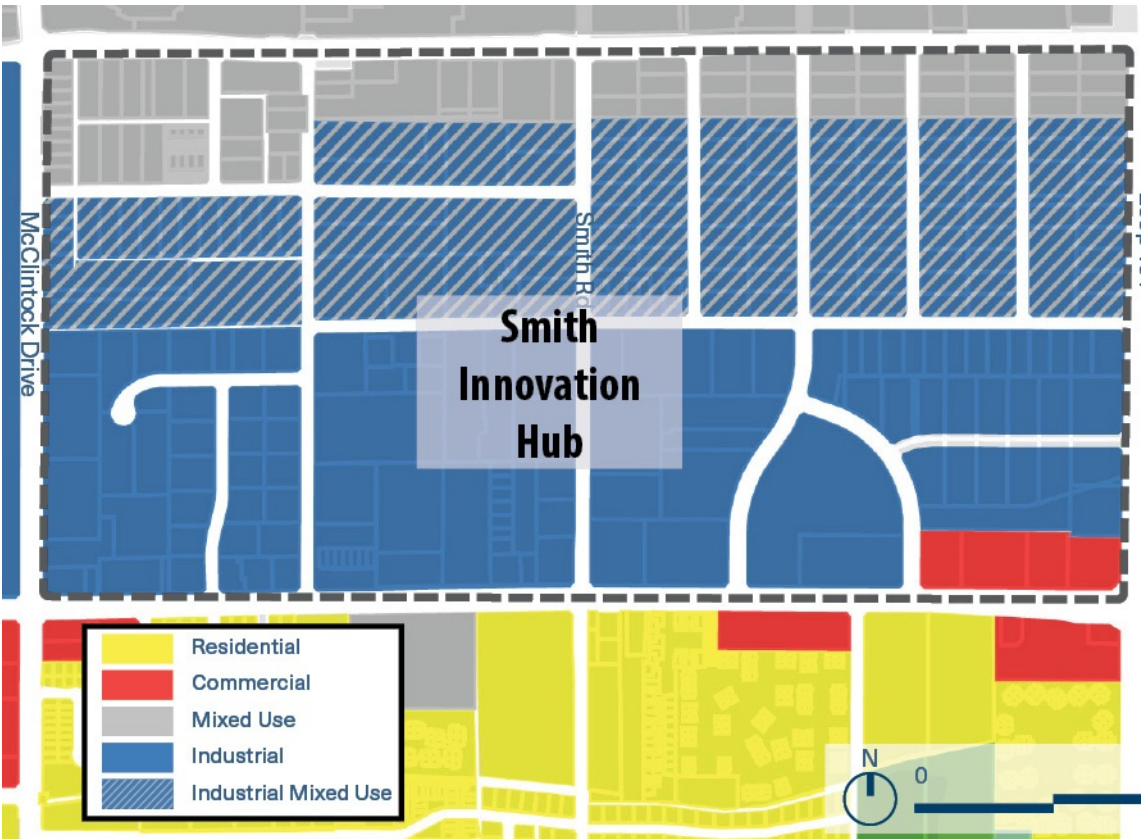
15 LIVE
Questions &
Comments



ONLINE
COMMENTS
117 Responses



Background

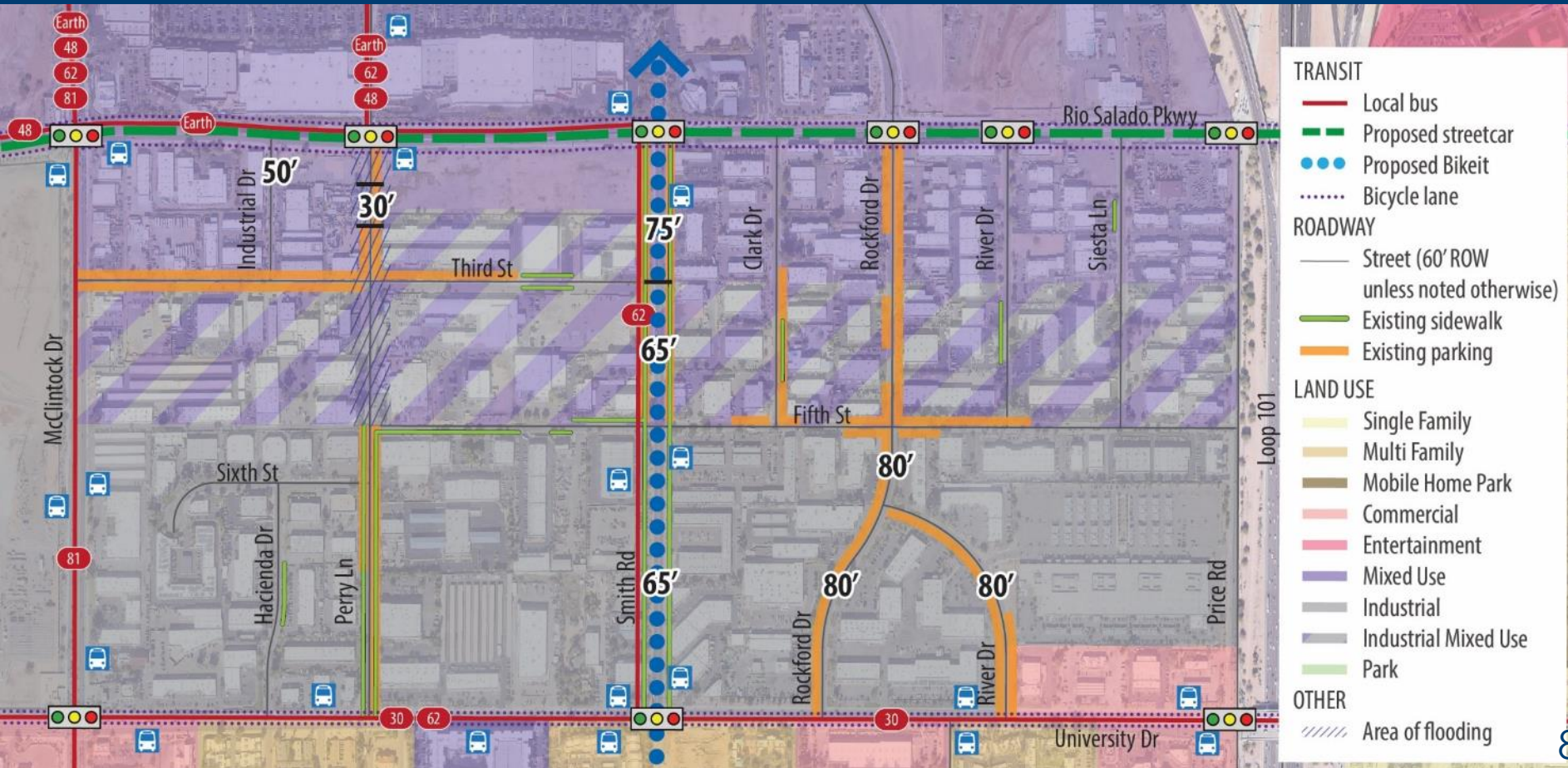


SMITH INNOVATION HUB POTENTIAL LAND USES



Note: "Mixed use" may be either vertical or horizontal mixed use.

Transportation Overview



Priorities



Safety



Pedestrian and
Bicycle Comfort/
Accessibility



Business Access

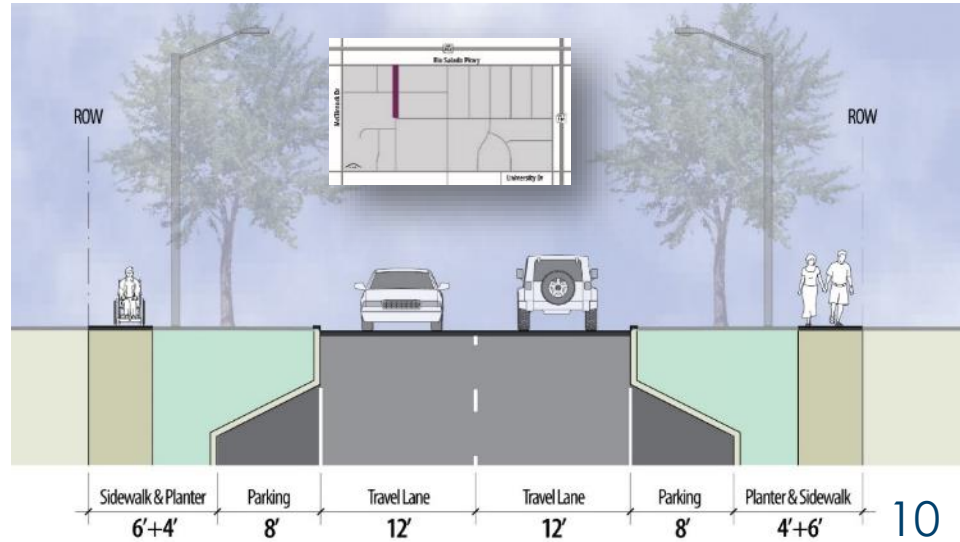
Perry Lane (north of 5th Street)



- Full street section north of 5th Street
- Sidewalk improvements (ADA)
- Mitigate stormwater runoff and on-street ponding



Perry Lane South of 5th Street



Perry Lane (north of Fifth St)



Alternative B with low impact development (LID).



College Avenue, Tempe

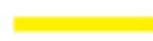
Rio Salado Pkwy

3rd St

Perry Ln



Proposed bioretention cell



Bioretention planter with curb cuts

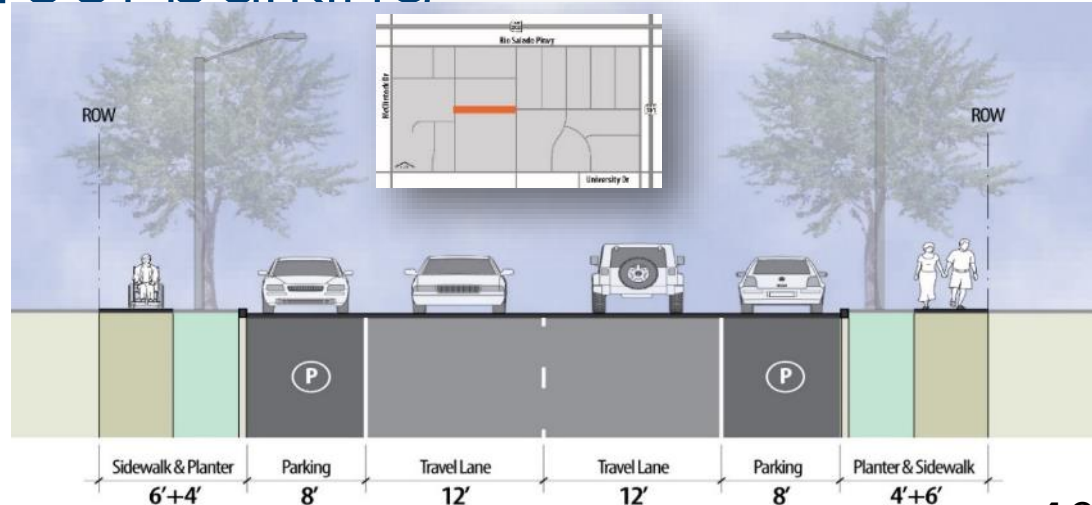
Fifth Street (Perry to Smith)



- Detached sidewalks and ADA improvements
- Maintain on-street parking



Fifth Street



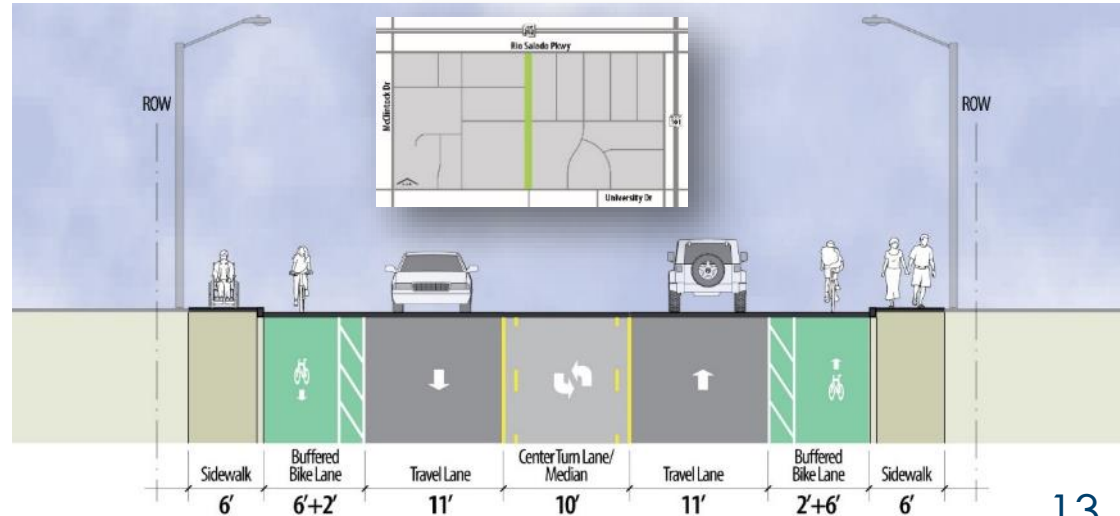
Smith Road



- Sidewalk improvements (ADA)
- Buffered bicycle lanes
- Improve bus stops with shelters, amenities



Smith Road



Streetscape Summary



Rio Salado Pkwy

Perry Lane (n of 5th)

- Parking both sides
- Low-impact Development
- Lighting

Alternative B

Detached sidewalk

Fifth Street

- Parking both sides
- Lighting

Alternative C

Detached sidewalk

Smith Road

- Buffered bike lanes
- Lighting

Alternative A

Maintains two-way left turn lane

Perry Lane (s of 5th)

- Parking both sides
- Lighting

Alternative A

Attached sidewalk

McClintock Dr

Sixth St

Siesta Ln

Loop 101

Price Rd

Rockford Dr

University Dr

Lighting



Photo,
South River Drive

Prioritize at

- Smith Road bicycle route, Perry Lane and Fifth Street



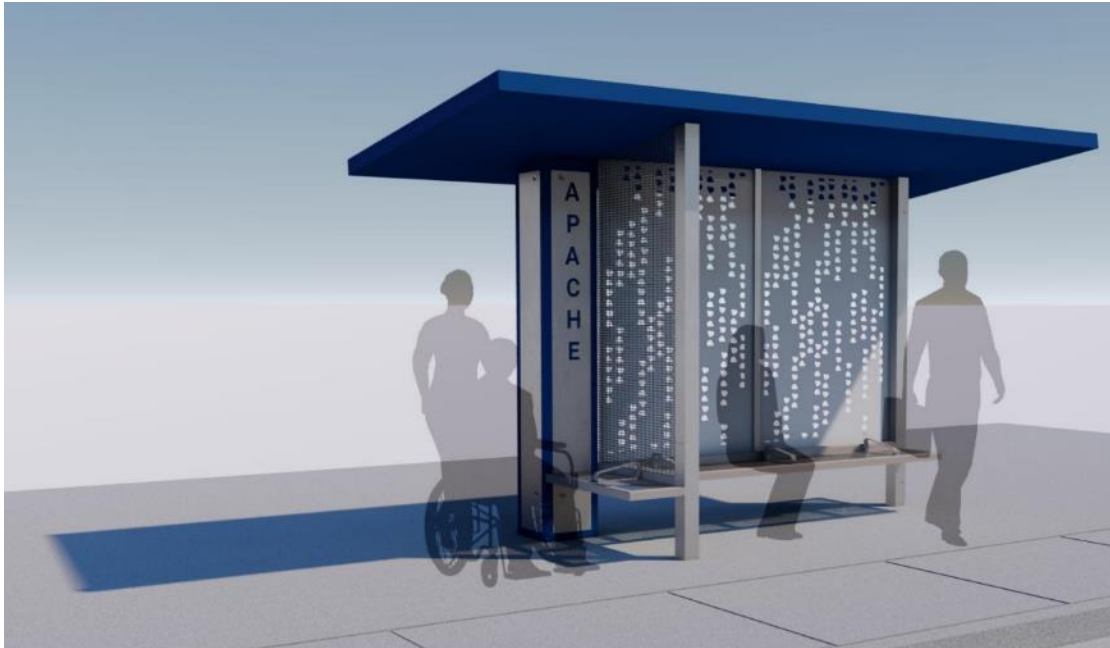


- Master Plan recommendations
- No significant capacity issues as a result of planned land uses
- Identified projects include upsizing pipes^a
 - 6-inch to 8-inch [2,200 linear feet, total]
 - 8-inch to 12-inch [6,000 linear feet, total]

Note:

a. These improvements are anticipated with new development.

Bus Shelters



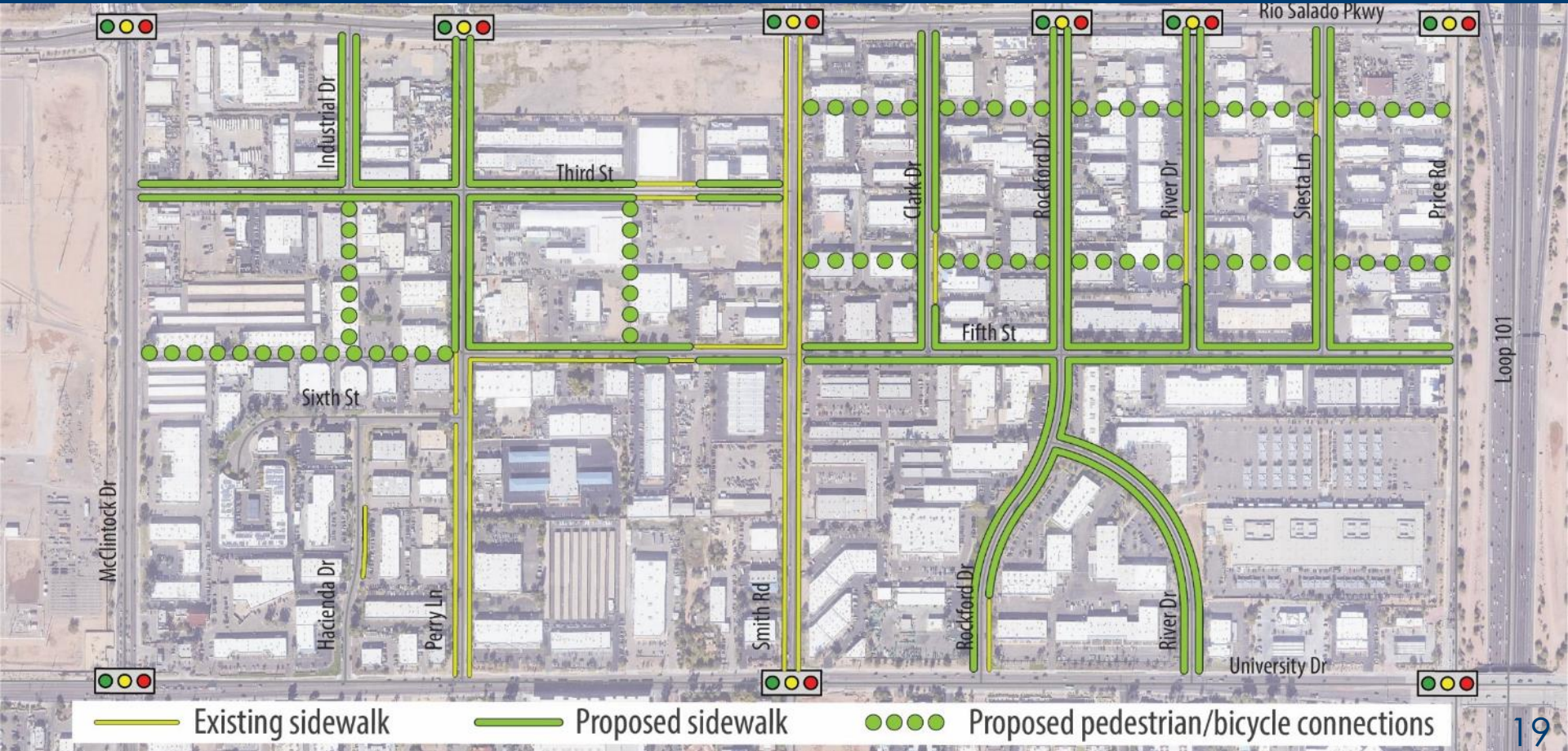
- Tempe Bus Route 62
- Install appropriate bus shelters and amenities at four stops on Smith Road

Tempe Transit Shelter (5'x10', small shelter),
Designing Tempe's New Transit Shelters (2020).



- Planning horizon of 2040
- Actions may be implemented through:
 - Capital Investment Plan projects,
 - as opportunities arise, and
 - as part of redevelopment.

Ultimate Pedestrian Network



Next Steps



- Finalize recommendations and Plan adoption
- Funding request
- Project(s) design and additional outreach

Questions?

Project Contacts



Ken Halloran, Tempe Project Manager

CIP Design Engineering & Transportation Dept

Ken_Halloran@tempe.gov

480-350-8200

Jill Buschbacher, Economic Development Program Manager

Jill_Buschbacher@tempe.gov

480-798-0546

Visit tempe.gov/SmithHub!