Petaluma AIA Sustainable Design Assessment Team (SDAT)

June 2023

AIA Petaluma SDAT
(Sustainable Design
Assessment Team)
August 05 + 08 2022
AIA The American Institute of Architects

AIA
PETALUMA SDAT
FOCUS
15-MINUTE
NEIGHBORHOOD
& LIVING STREETS

YES!

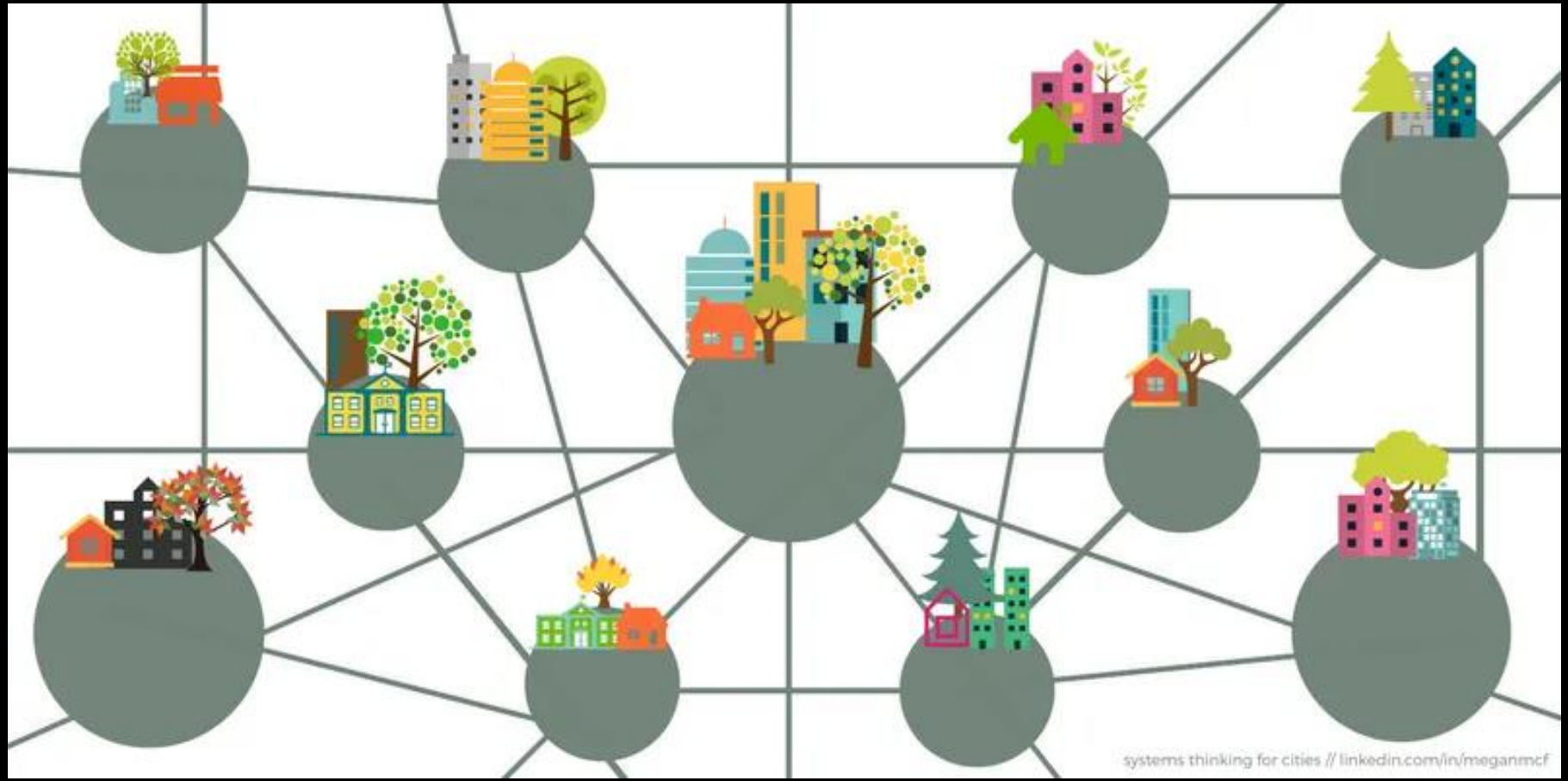
August 5-8, 2022

Brought to you by:

AIA
Communities
by Design

Reimagining Petaluma

Petaluma, CA DAT Report


systems thinking for cities // linkedin.com/in/meganmcf

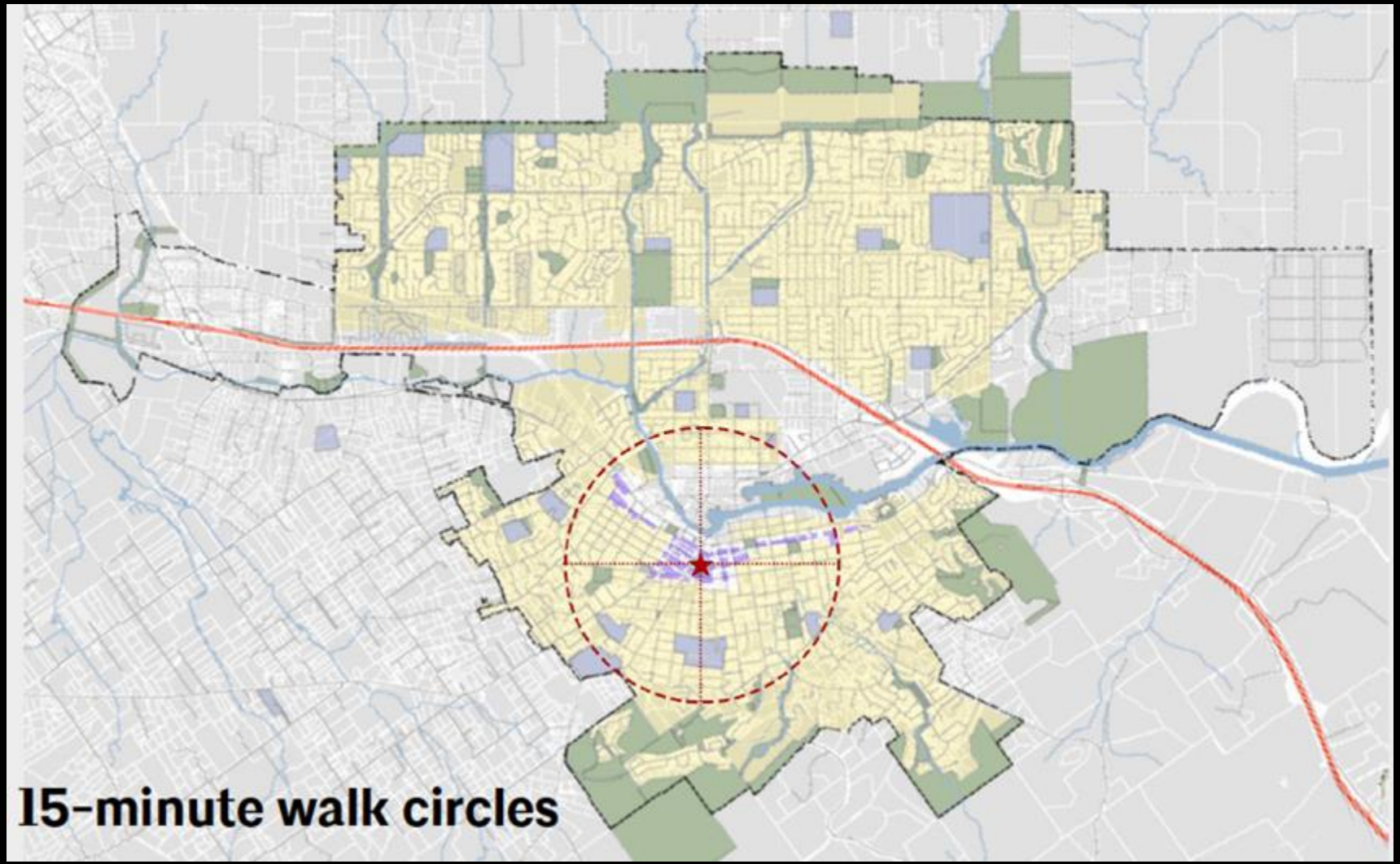
Part 1:
15-Minute Neighborhoods

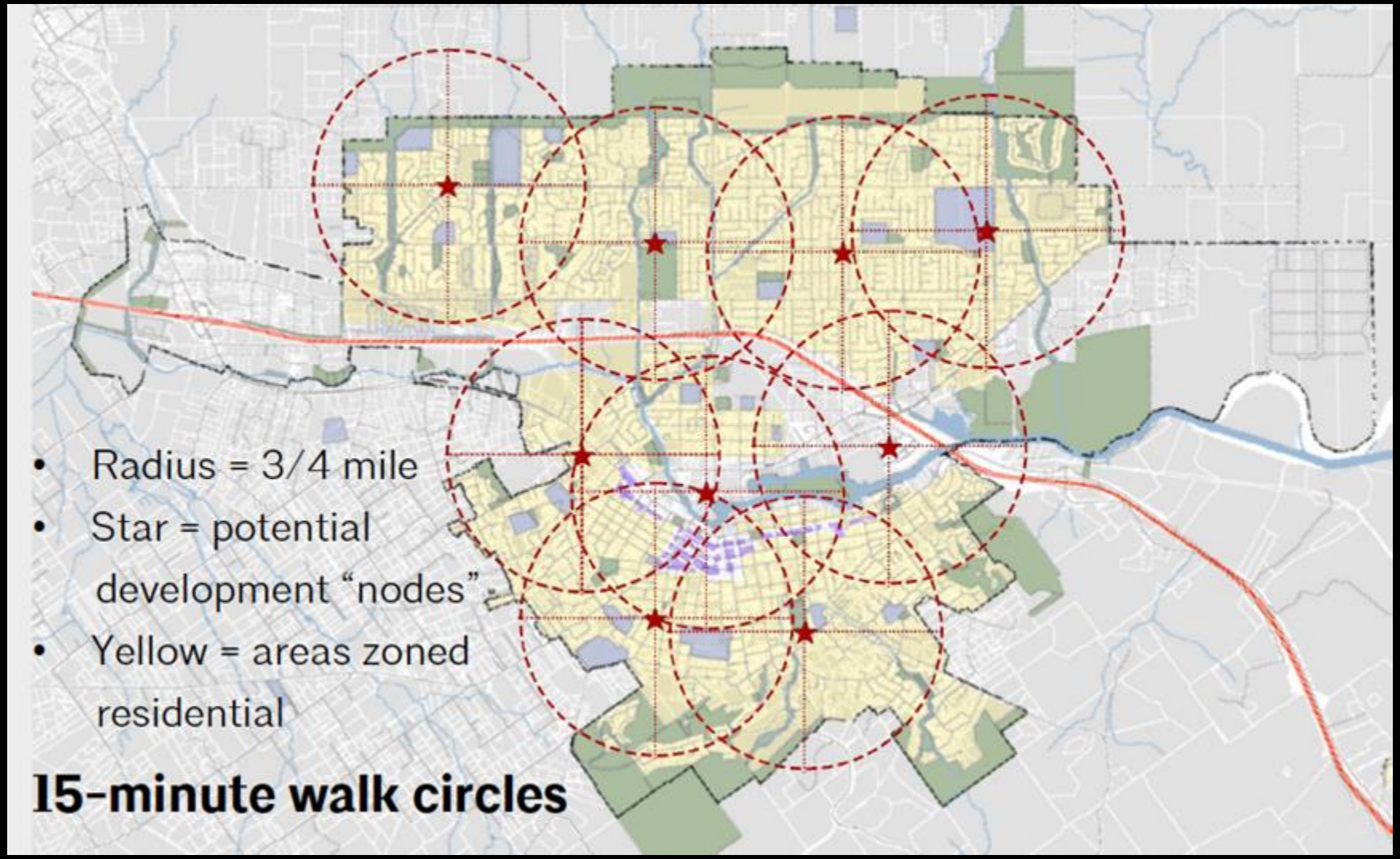
PARADOX
COFFEE
SERVE
PARADOX
COFFEE
CLOSED
www.netilradio.com
the bagel
PARADOX
COFFEE
SOFTSERVE
PLANTED

THE LOCAL
GENERAL STORE
1440

“Lowly, unpurposeful, and random as they appear, sidewalk contacts are the small change from which a city's wealth of public life must grow."

– *Jane Jacobs*


15-minute walk circles


• Radius = 3/4 mile
• Star = potential development “nodes”
• Yellow = areas zoned residential
15-minute walk circles

STOP

BARBER SHOP
741-B
741-C
PEPSI
FAIR WEST
741
OPEN

VAN BUREN

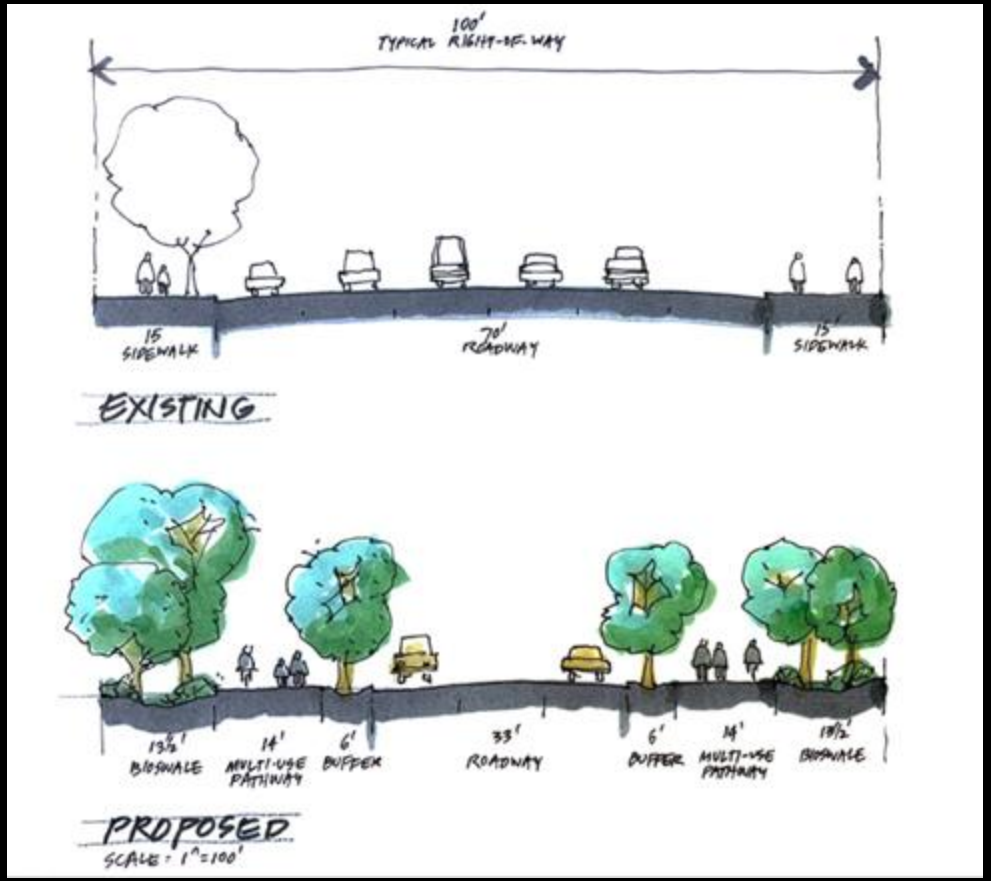
neighborhood
cafe
CAFE

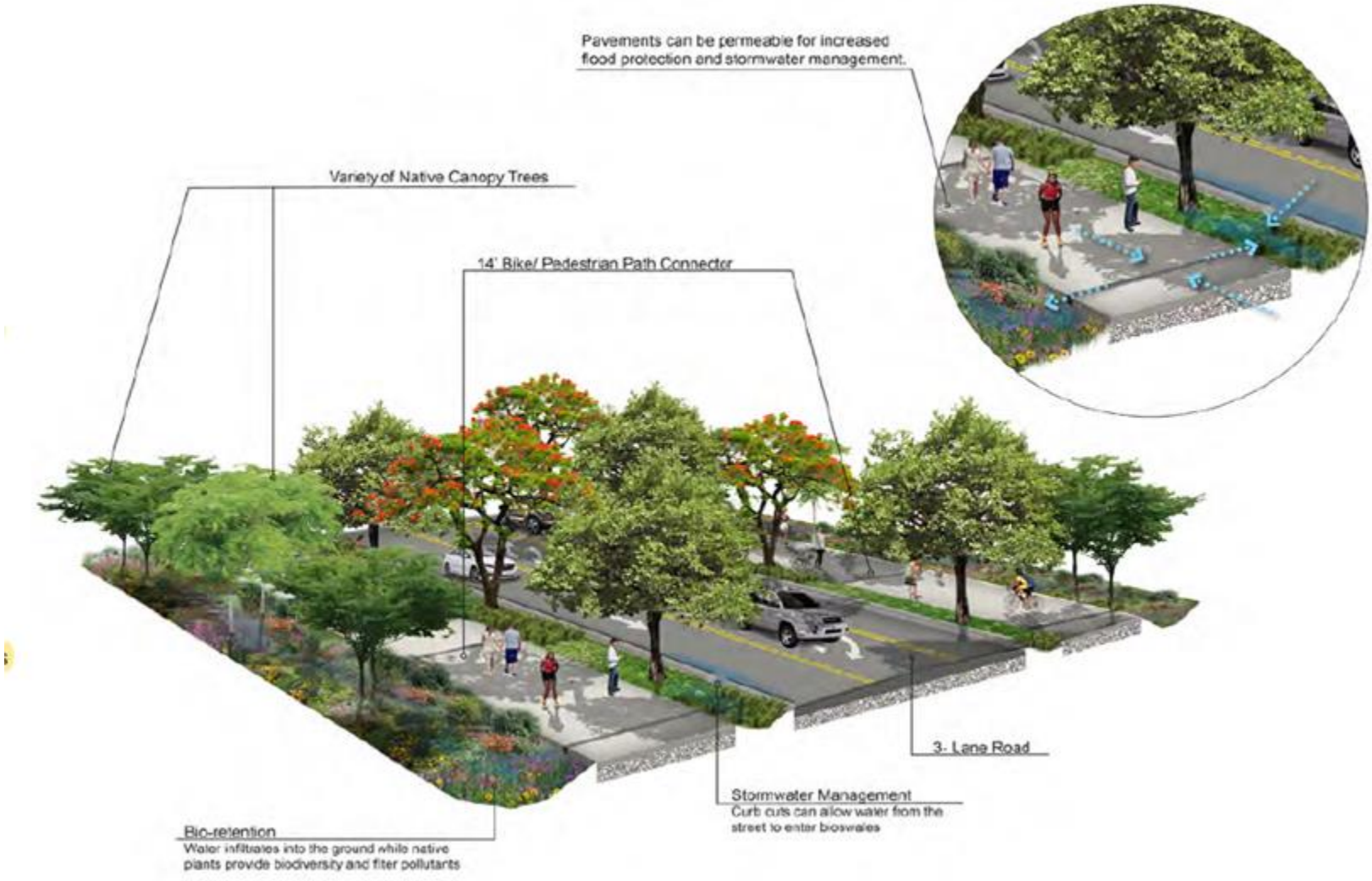
Part 2: Transportation, or Reimagining Mobility

The SDAT team heard the community identify five key challenges of our roadway system here in Petaluma:

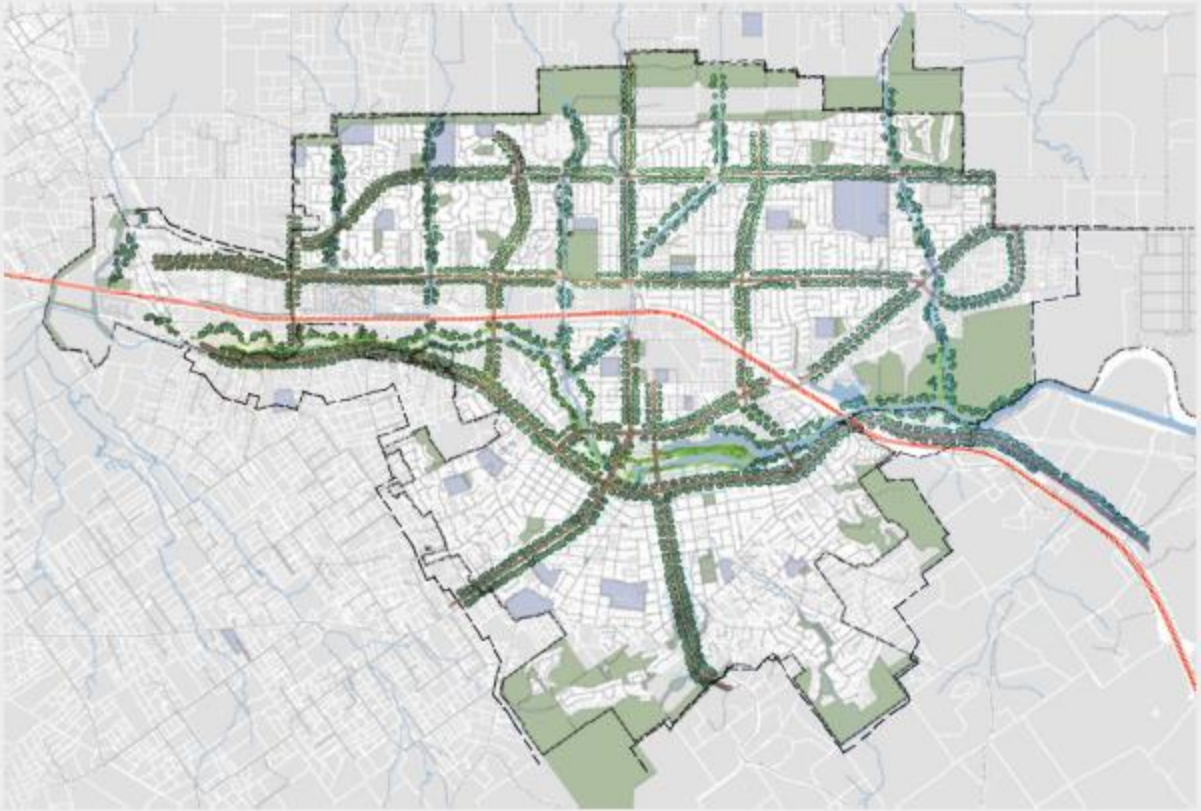
1. Fragmented bikeway network
2. Limited cross-town connectivity
3. Motorists speeding through neighborhoods
4. Narrow sidewalks
5. Unreliable transit service

“Fix Washington Street” and all of our arterials




Pavements can be permeable for increased flood protection and stormwater management.
Variety of Native Canopy Trees
14' Bike/ Pedestrian Path Connector
3- Lane Road
Stormwater Management
Curb cuts can allow water from the street to enter bioswales
Bio-retention
Water infiltrates into the ground while native plants provide biodiversity and filter pollutants

Green Connectors



Transforming grey corridors into healthy, walkable, bikeable, resource rich diverse corridors

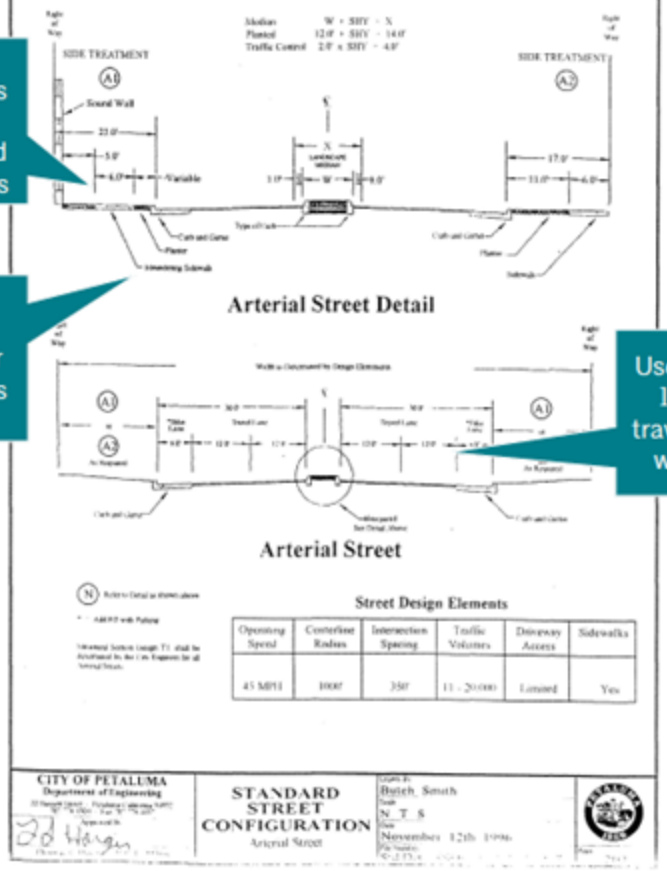
djembe coffee
slams n' beats

Update Petaluma's Street Design Standards

Include sidepaths and protected bike lanes

Don't meander sidewalks

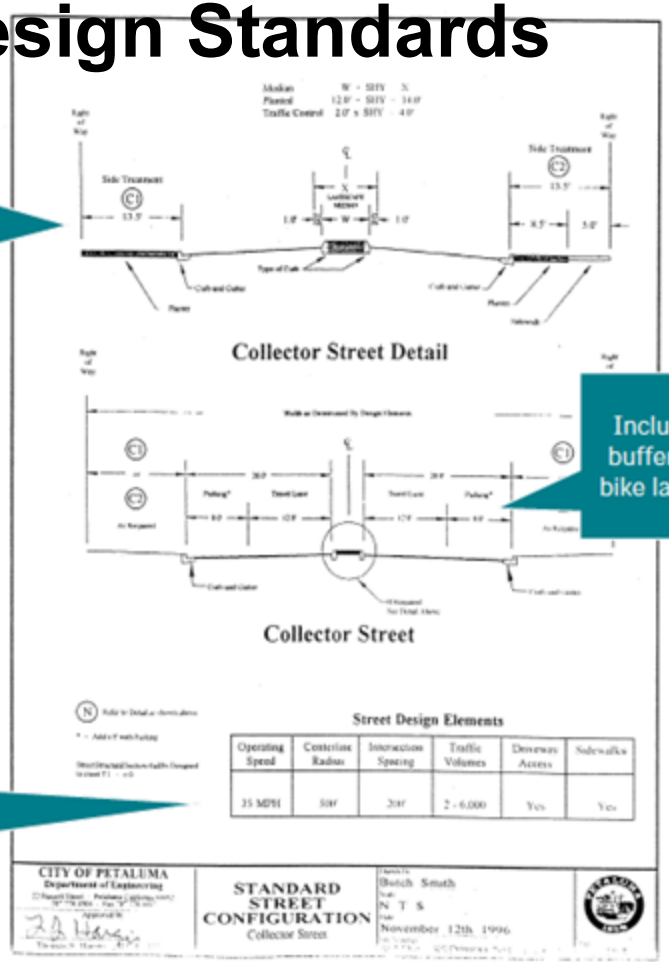
Use 10' or 11' for travel lane widths



Always provide sidewalks on both sides

Reduce design speeds

Include buffered bike lanes



Improve transit reliability and frequency

"… in order to encourage all residents and visitors to use transit rather than drive."

Create a Neighborhood Traffic Calming Program:

"*In addition to more traditional traffic calming treatments such as curb extensions and speed humps, the City should explore or continue to explore mini traffic circles, raised crosswalks, chicanes, and one-lane pinch points.*"

Summary:

1. Reimagine our streets!
2. Work toward the creation of walkable 15-minute neighborhoods
3. Integrate into our guiding documents

CYCLEWORKS
relay
THE PHOTO GALLERY

Big thanks to all of our strategic partners and community members:

Strategic partners:

- Aqus Foundation
- City of Petaluma
- Climate Action Petaluma
- Cool Petaluma
- Urban Chat/Know Before You Grow

Community members:

- Ann Edminster
- Annie Stuart
- Cinda Gilliland
- Chris Lynch
- Dan Lyke
- Dave Alden
- D'Lynda Fischer

Community members, cont'd::

- Dave Alden
- Gloria McCallister
- Iliana Madrigal-Hooper
- Jerome Clelend
- Kathy O'Donnell
- Larry Reed
- Mary Dooley
- Natasha Juliana
- Pete Gang
- Veronica Olsen

15-minute neighborhoods & living streets

questions - comments