

DOCKETED	
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Comment Received From: William C Leighty
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Consider Novel, High-density, CarFree Urban Modules for Efficient Use of Land, Material, Energy

CEC Colleagues,

Please consider transcending CA's built urban environment, car-centric and limited by the usual streets-and-avenues grid, as suggested in my panel presentation at the ASME - IMECE 2019 conference: <https://vimeo.com/373679728> Designing "CarFree" Cities to Welcome Millions Fleeing Rapid Sea Level Rise, Within a Few Decades
Slides at: <http://www.leightyfoundation.org/wp-content/uploads/19-IMECE-11-14Nov-CarFree-C.pdf>

EPIC proposal slides at: <http://www.leightyfoundation.org/wp-content/uploads/19-IMECE-11-14Nov-CarFree-EPIC-10Aug20.pdf>

Thank you for your consideration.

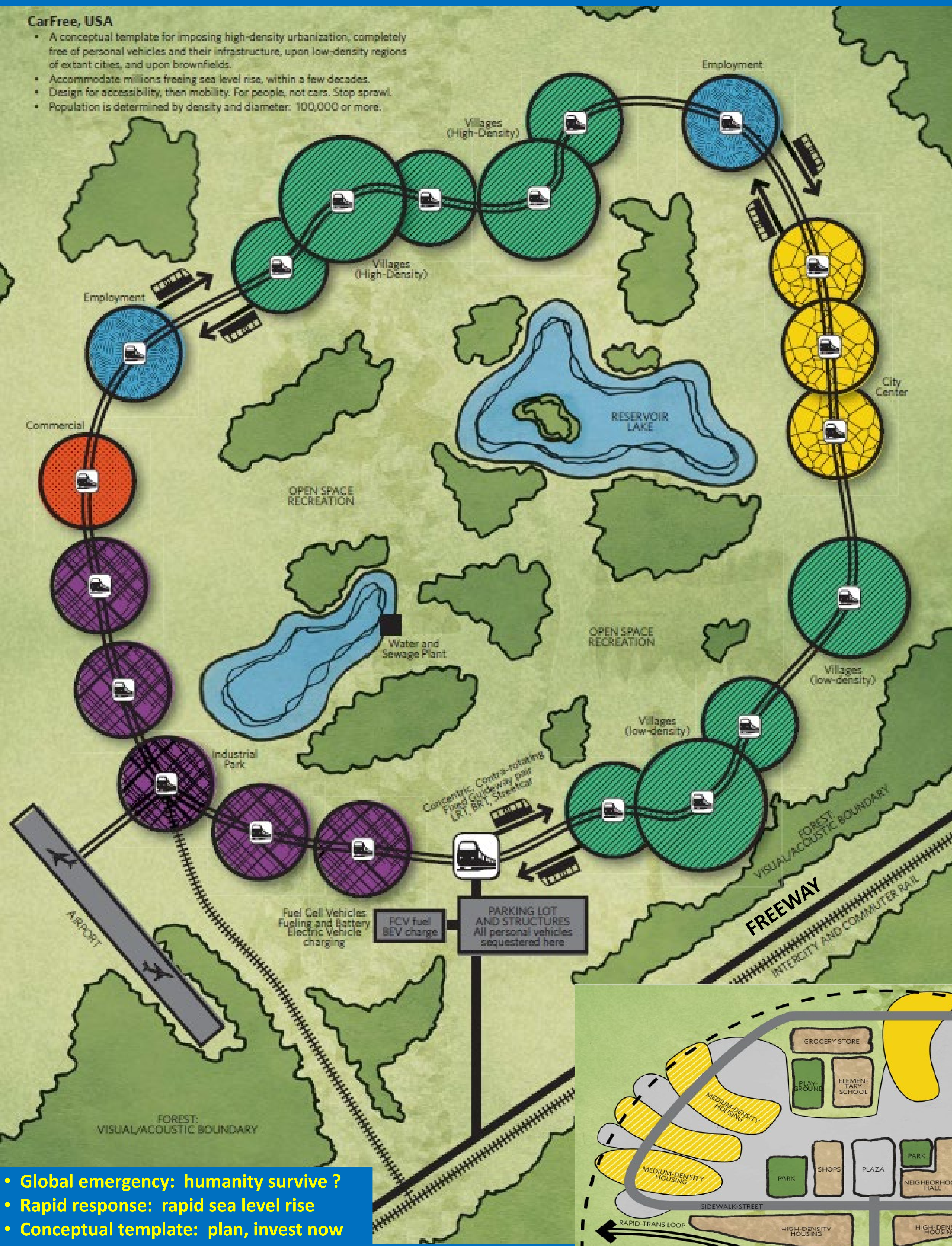
Additional submitted attachment is included below.

CarFree, USA: Welcoming Millions Fleeing Sea Level Rise

In a few decades: Where will we put them? What can we all afford to build, operate?

CarFree, USA

- A conceptual template for imposing high-density urbanization, completely free of personal vehicles and their infrastructure, upon low-density regions of extant cities, and upon brownfields.
- Accommodate millions fleeing sea level rise, within a few decades.
- Design for accessibility, then mobility. For people, not cars. Stop sprawl.
- Population is determined by density and diameter: 100,000 or more.



Design for:

- People, not cars
- Accessibility first; Mobility next.
- Density-hi, stress-lo
- 100,000 + people
- New urban lifestyle
- Prevent sprawl
- Health thru exercise
- Community: contact
- Efficiency, Earth:
 - > Energy
 - > Land, habitat
 - > Materials
 - > Time
- Replicate; intersect

Smart Cities Connect

April 2-4, 2019

Denver [Poster]

<https://spring.smartcitiesconnect.org/>

Bill Leighty, Director

The Leighty Foundation

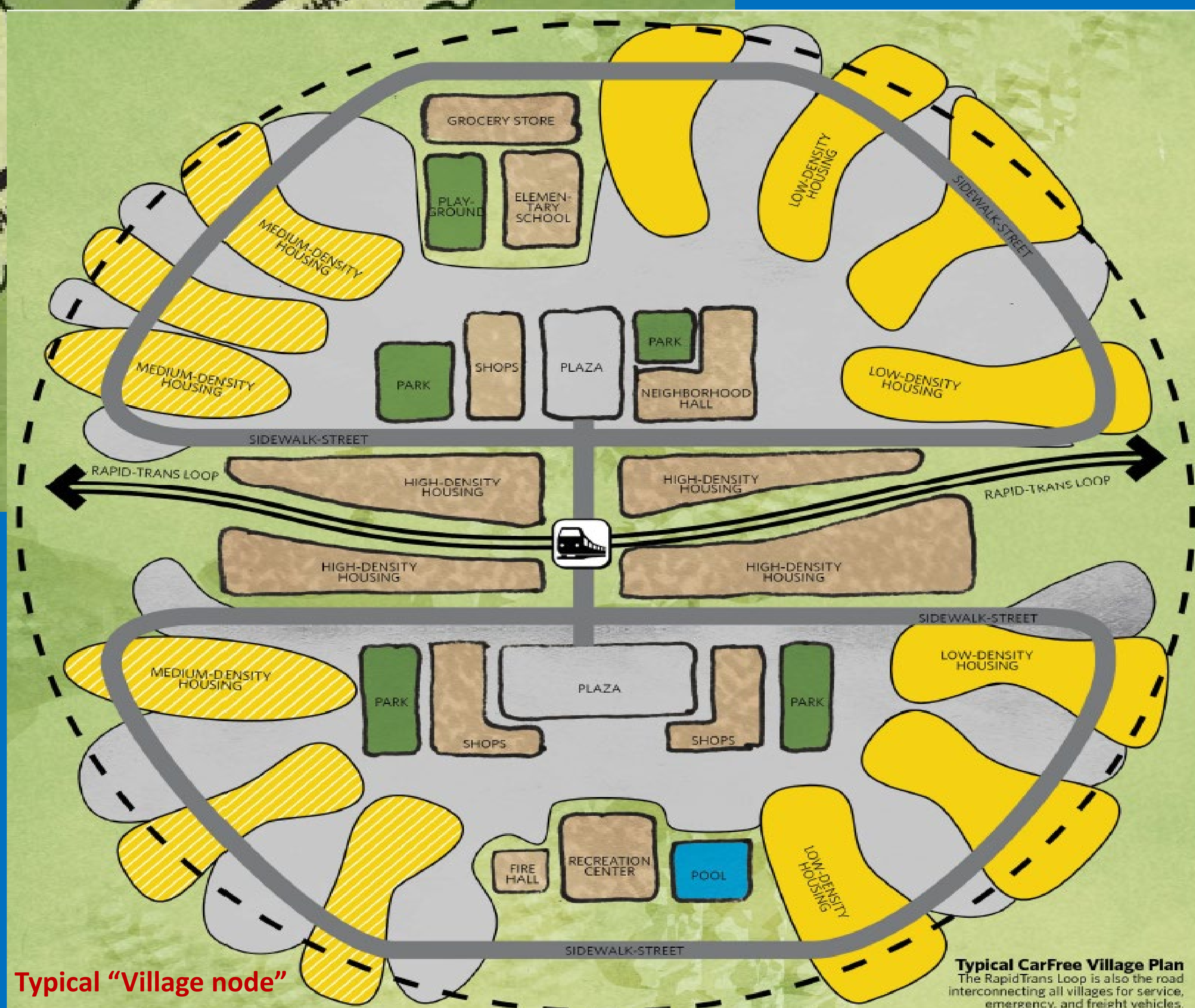
www.leightyfoundation.org/earth.php

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Typical "village node" plan:

- Transit station centered
- Paved: walk, bike, ADA
- Service vehicles only

- Global emergency: humanity survive?
- Rapid response: rapid sea level rise
- Conceptual template: plan, invest now
- Impose high-density urbanization
- "Helicopter" onto extant low-density urbs
- Free of all personal vehicles, in urbanized
- Contra-rotating, concentric, transit loops,
- Fixed-guideway: BRT, LRT, streetcar, 5-min
- People, packages, freight, mail
- Paving for all service vehicles
- Peripheral parking for personal LDV's
- Low public infrastructure capex, opex
- Reduce private capex, opex
- Only "donut" loop topology is efficient



Typical CarFree Village Plan
The RapidTrans Loop is also the road interconnecting all villages for service, emergency, and freight vehicles.