



Imagine our Future

Lindsay Bayley

Fox Valley Sustainability Network

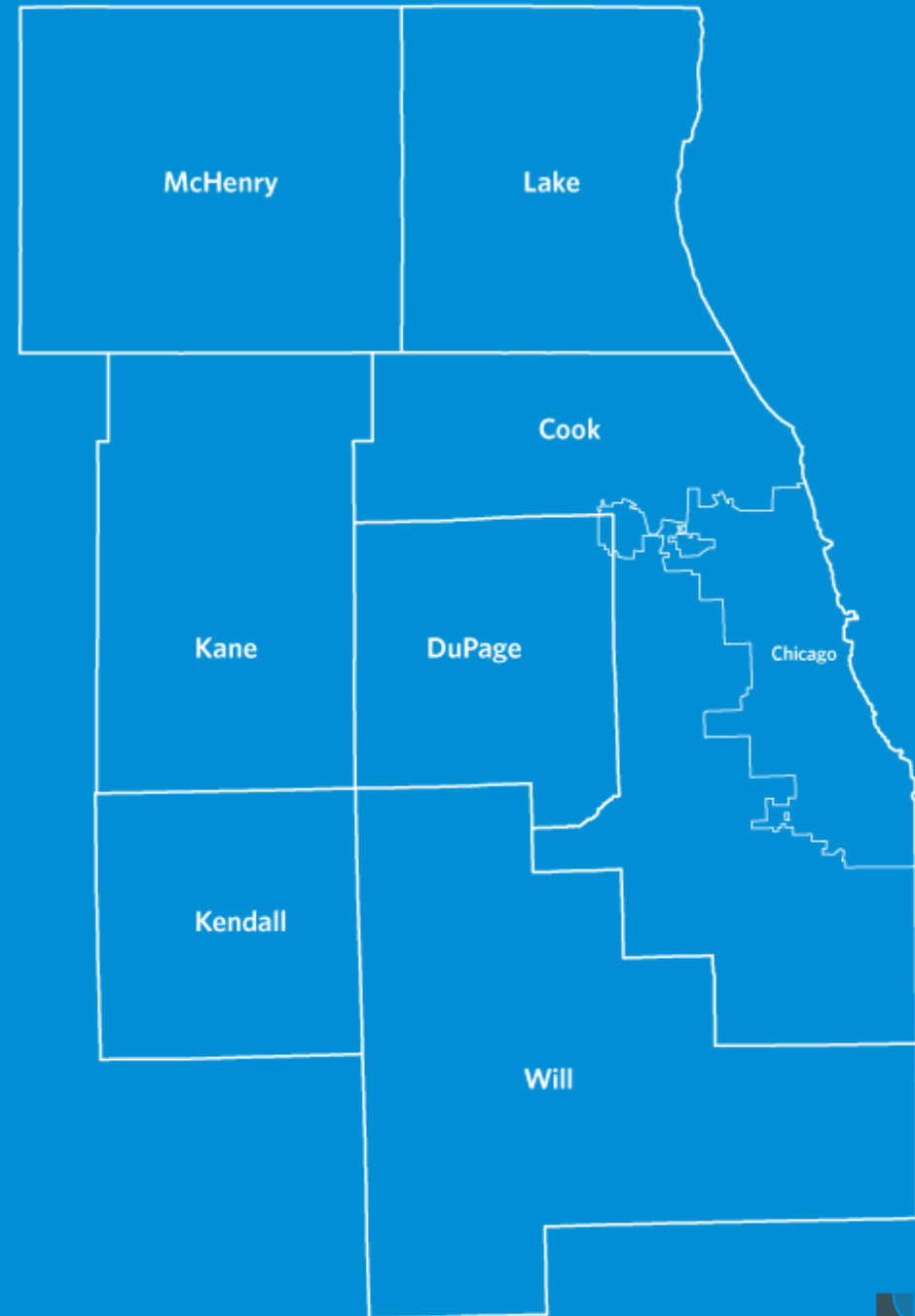
July 31, 2019

Our region

7 counties

284 municipalities

8.5 million residents



Cars and roads

29,989 road miles

165 million average
vehicle miles traveled
every day





Trains and transit

7,200 transit route
miles

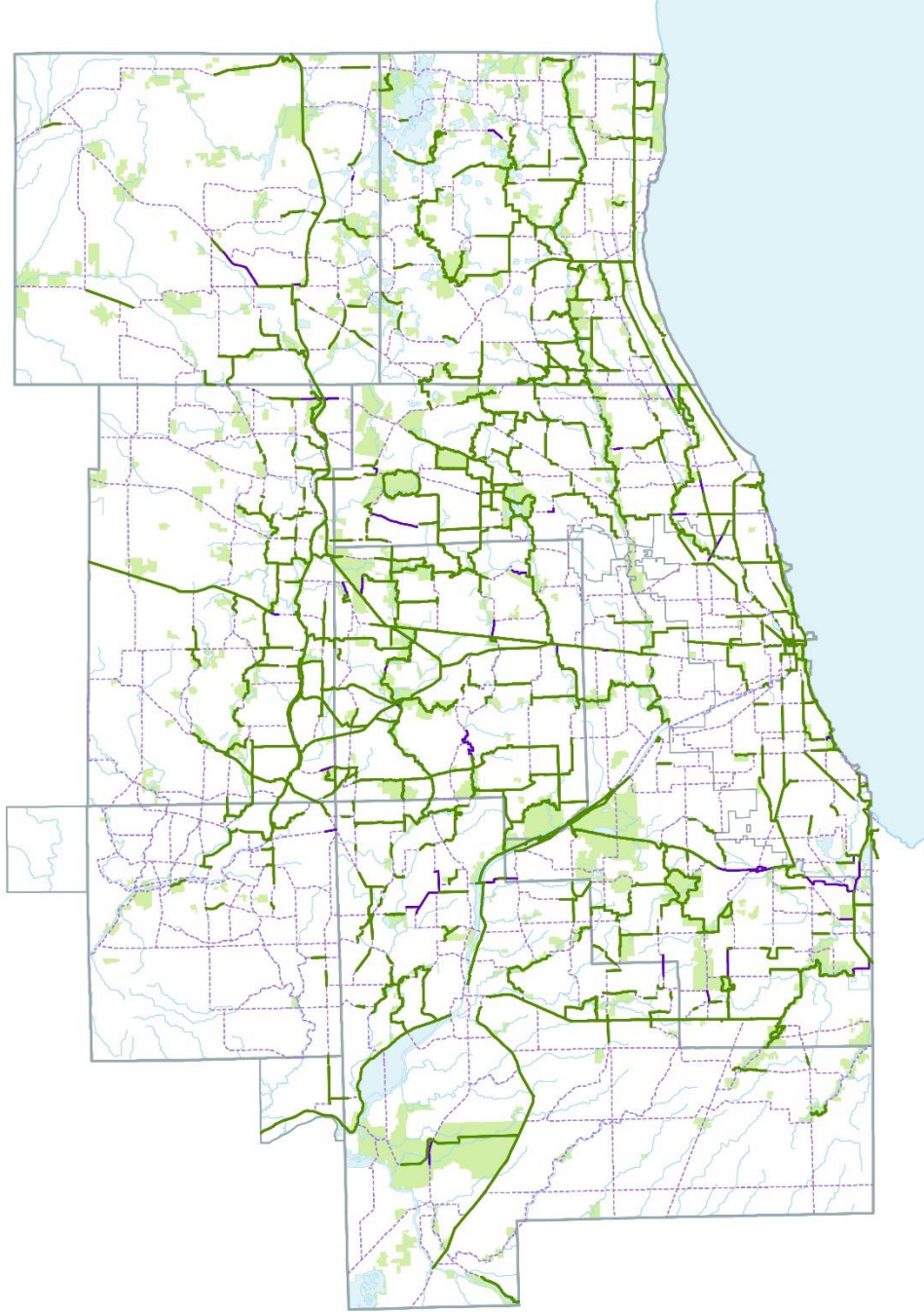
610 million transit
passenger boardings a
year



Regional greenways and trails plan

- Existing
- Under Development
- Planned

Source: Chicago Metropolitan Agency for Planning, 2018.



CMAP

Make Chicagoland more competitive

Enhance quality of life

Advance local planning

How old will you be in 2050? (Hint: Add 31 to your age)

0% **1. Really old**

0% **2. 80-89**

0% **3. 70-79**

0% **4. 60-69**

0% **5. 50-59**

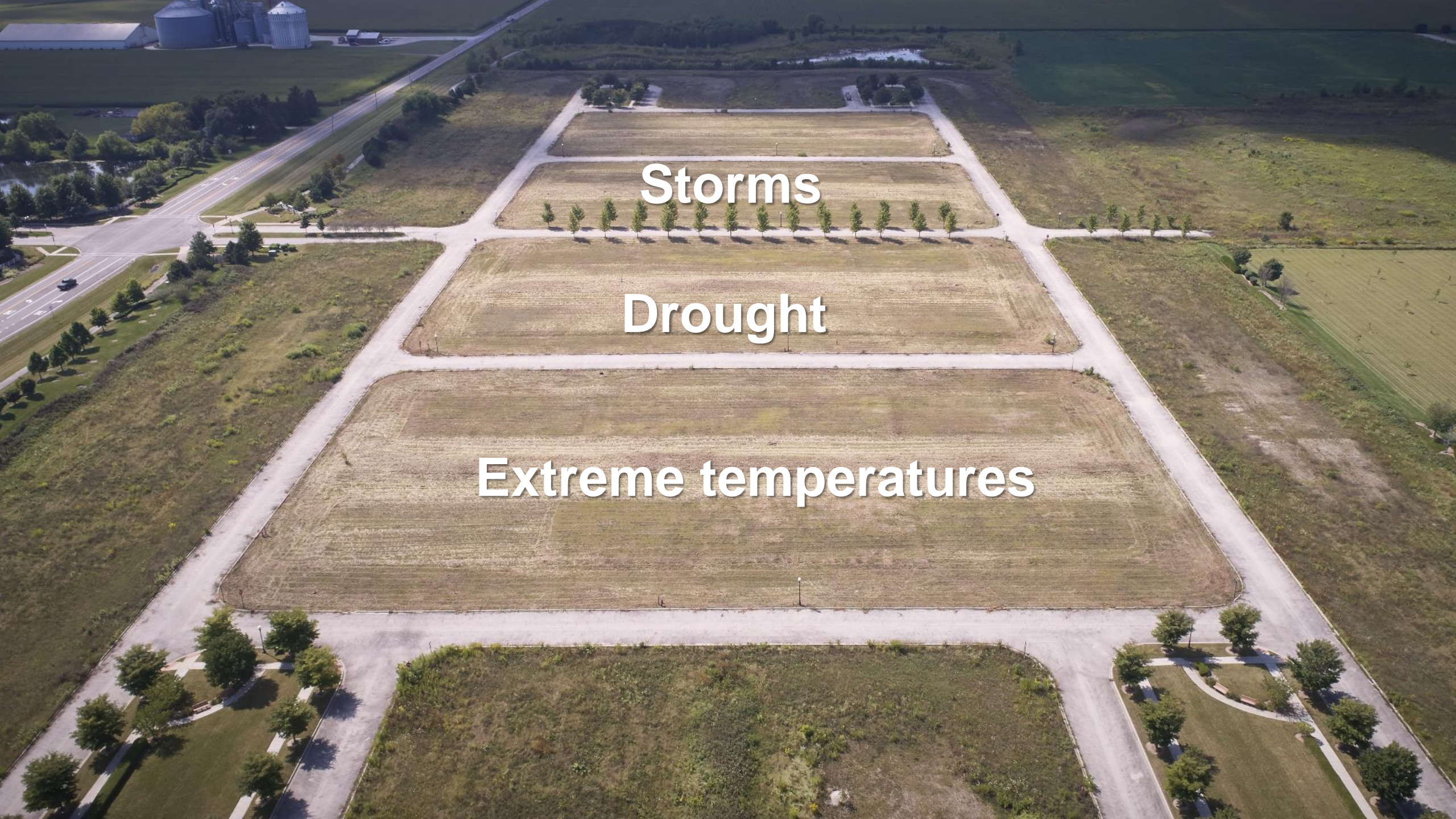
0% **6. 40-49**





**Trend:
Changed climate**

GOULD PARK



Storms

Drought

Extreme temperatures

How have you experienced climate change? (choose 2)

- A. Flooding**
- B. Extreme heat**
- C. Extreme cold**
- D. Property damage**
- E. Power outages**
- F. Water supply issues**
- G. Other**

With more extreme weather in our future, what worries you most?

- 0% **A. Harm to life and property**
- 0% **B. Insufficient water supply**
- 0% **C. Threats to regional agriculture, biodiversity**
- 0% **D. Impact on vulnerable residents**
- 0% **E. I'm not worried**
- 0% **F. Other**

Trend: Tech-enhanced transportation

- Connected
- Automated
- Logistics



What's your primary way of getting around?

0% **A. Car**

0% **B. Train**

0% **C. Bus**

0% **D. Bike**

0% **E. Walk/roll**

0% **F. Other**

How comfortable are you with autonomous vehicles?

- A. Very – can't happen soon enough**
- B. Somewhat – they need more testing**
- C. I'm skeptical**
- D. I will always prefer a human behind the wheel**
- E. Other**

How might autonomous vehicles affect you? (choose 2)

- 0% **A. Take the place of public transit**
- 0% **B. Enhance public transit (last/first mile)**
- 0% **C. Liberate residents from car ownership**
- 0% **D. Improve road safety**
- 0% **E. Reduce the need for street parking and lots**
- 0% **F. Create more road congestion**
- 0% **G. Don't know**
- 0% **H. Other**

What are autonomous vehicles likely to do? (choose 2)

- A. Increase mobility for non-drivers**
- B. Reduce crashes (auto, bike, ped)**
- C. Reduce congestion**
- D. Increase congestion**
- E. Reduce car ownership**
- F. Replace public transportation**
- G. Don't know**
- H. Other**

How would you prefer to get around?

- A. Car**
- B. Train**
- C. Bus**
- D. Bike**
- E. Walk/roll**
- F. Autonomous shared vehicle**
- G. Other**

An aerial perspective rendering of a modern urban transportation hub. The scene features a multi-lane road with a dedicated red-paved bus lane containing blue buses. Adjacent to the road is a wide, green-paved pedestrian and bicycle path with yellow bollards. A large, modern train station with a curved, grey roof and blue-tinted glass facade is visible, with a train platform and a train. People are shown walking, cycling, and using various modes of transport. The overall design emphasizes accessibility and multimodal connectivity.

**The future?
A modern, multimodal
system that works for
everyone**



**Trend:
Walkable communities**

If you had a convenient commute and cost were not an issue, where would you choose to live?

- 0% **A. An urban neighborhood**
- 0% **B. Walkable suburban community**
- 0% **C. Suburban subdivision**
- 0% **D. Small town**
- 0% **E. Rural area**
- 0% **F. Other**

Is your community walkable for you?

0% **A. Yes**

0% **B. No**

0% **C. Depends**

What are the biggest benefits of more walkable communities? (choose 2)

- 0% **A. Healthier residents**
- 0% **B. The ability to live car-free**
- 0% **C. Increased safety**
- 0% **D. Cleaner air from less driving**
- 0% **E. More economic development and local jobs**
- 0% **F. Other**

What concerns you most about the preference for more walkable communities? (choose 2)

- A. Changes to neighborhood character**
- B. More traffic congestion, parking hassles**
- C. More stress on schools**
- D. Increased housing prices**
- E. I'm not concerned**
- F. Other**

ON

TO

2050

An aerial photograph of a suburban neighborhood during the golden hour. A paved road runs vertically through the center, separating a large green field on the left from a residential area on the right. The residential area includes a large parking lot, a school building, and several houses. In the background, there are more houses and a small pond. The sky is a warm, hazy orange.

Prioritized Investment

Resilience





Inclusive Growth



**Inclusive regions have
stronger, more sustained
growth.***

***Federal Reserve Bank of Cleveland**

What does our region need most to enable everyone to succeed? (choose 2)

- A. Reliable public transit**
- B. Access to affordable education, job training**
- C. Jobs close to housing, walkable communities**
- D. Investment in disconnected areas**
- E. A faster growing regional economy**
- F. Other**



WORK ZONE

SPEED LIMIT
40

*PHOTO ENFORCED

5 FINE
MINIMUM

GARAGES UNLIMITED
Sales • Service • Installation
garagesunlimited.com 24HR Emergency Service
1860263 877-510-0002 NV2500

WORK ZONE

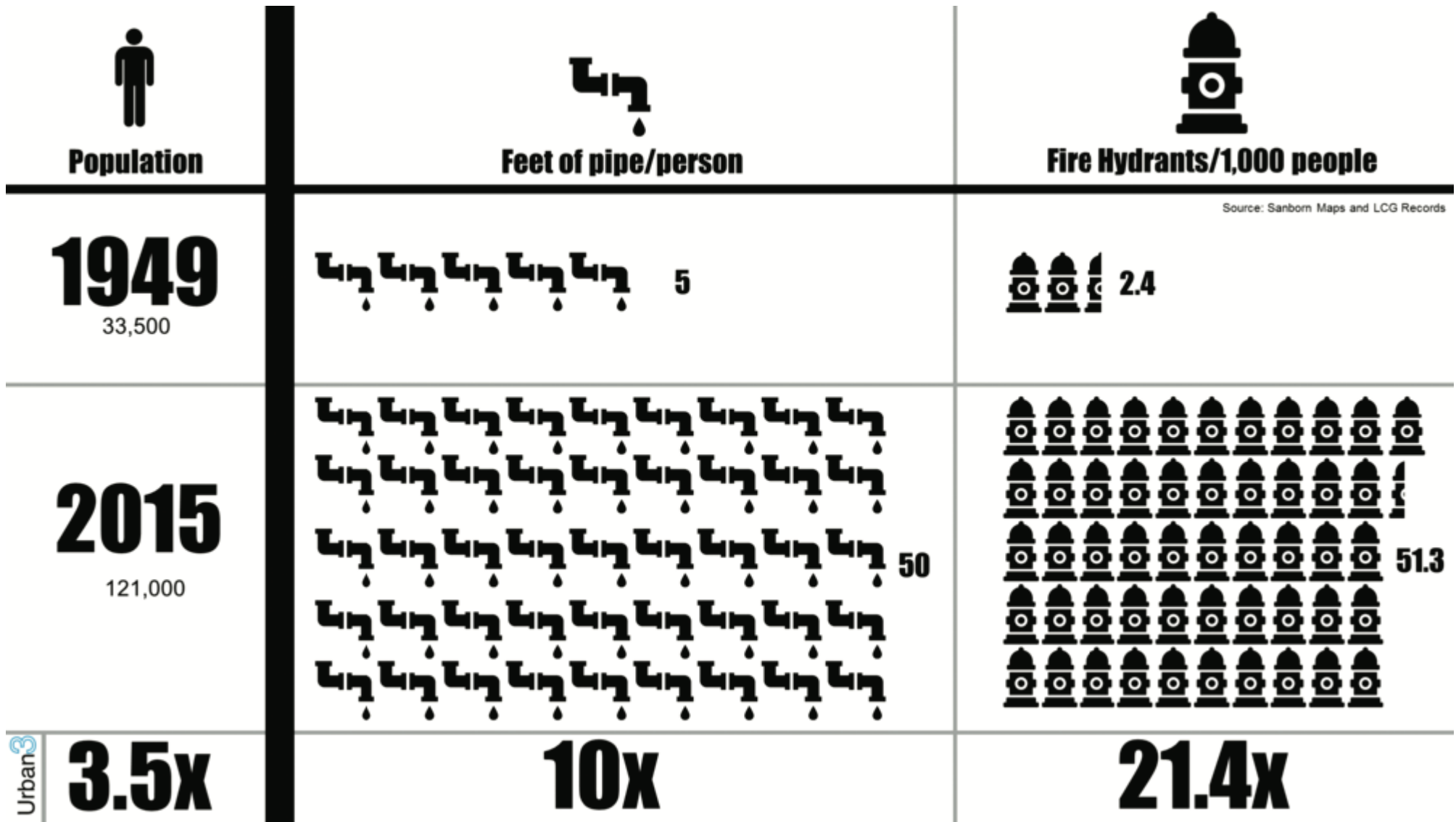
SPEED LIMIT
40

PHOTO ENFORCED

MINIMUM

Denny's

US
DENTIST
Allstate
Fresh
CUCUMBER



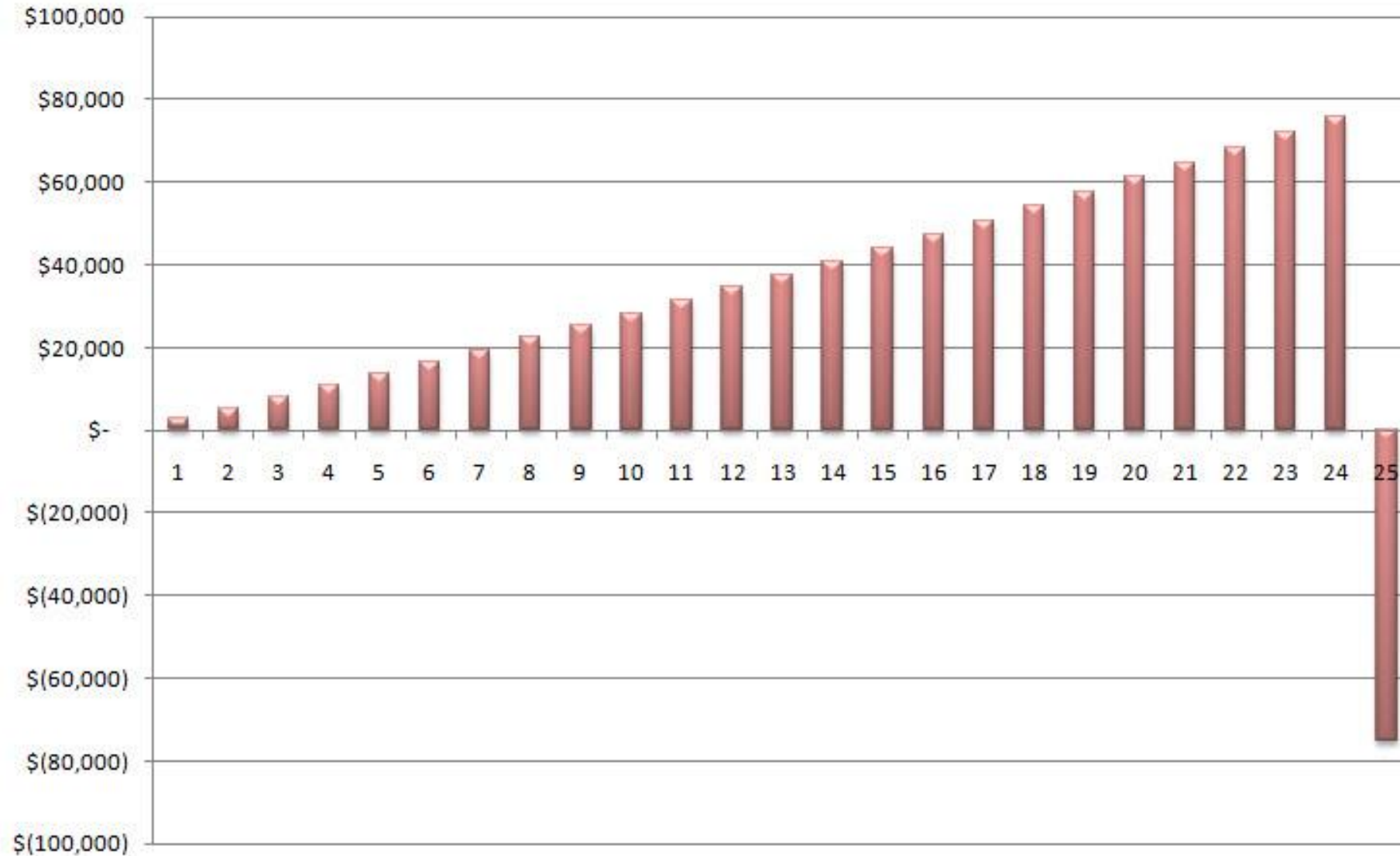
Source: www.strongtowns.org, "The More We Grow, The Poorer We Become"

Developer pays for road and water infrastructure – city gets new revenue. Sounds like a great deal!



It's a great deal – until the end of the useful life of that road...

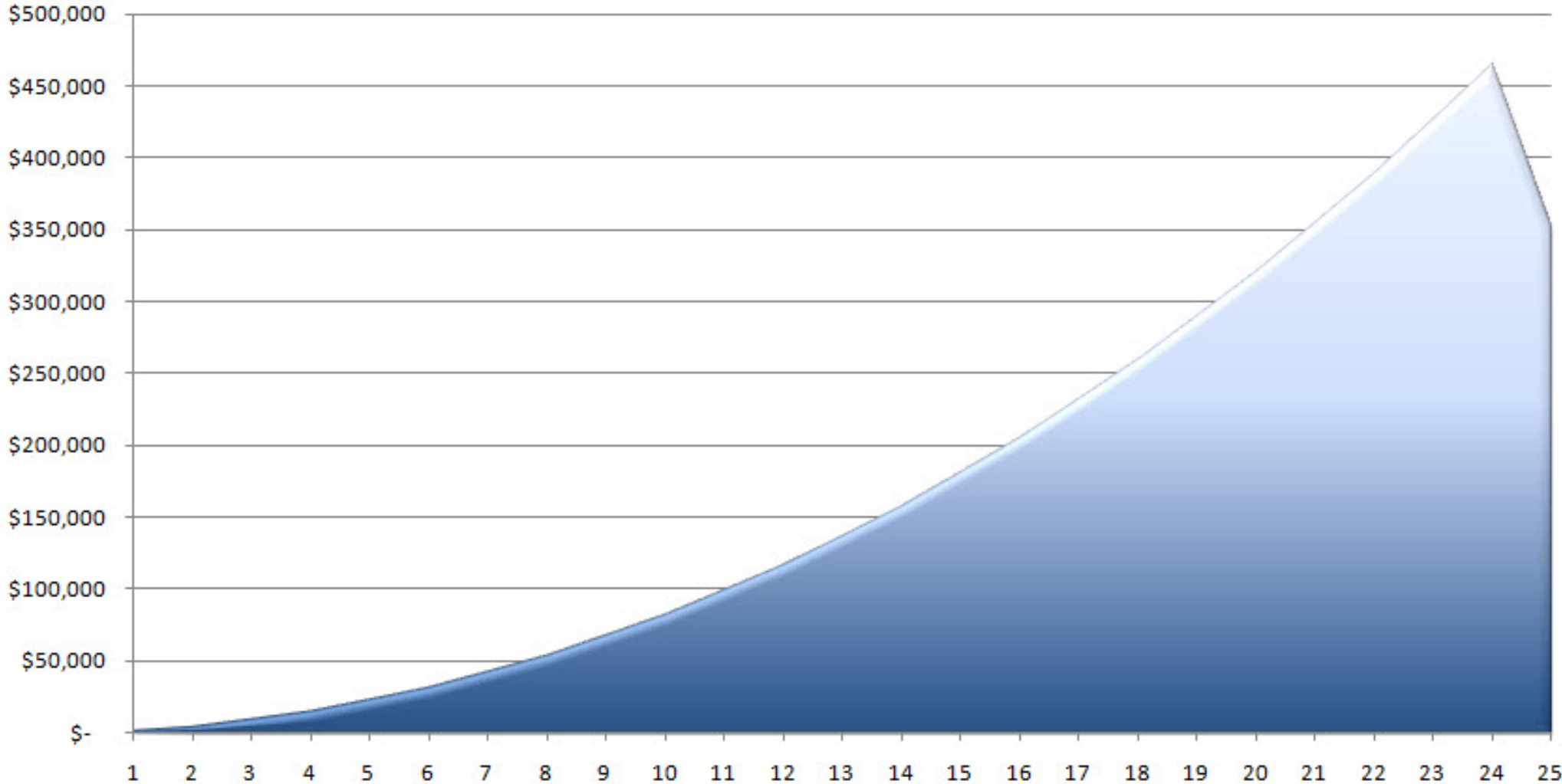
Cumulative Cash Flow - One Life Cycle



Source: www.strongtowns.org, "The Ponzi Growth Scheme, Part 3"

Things look OK if there are multiple projects...

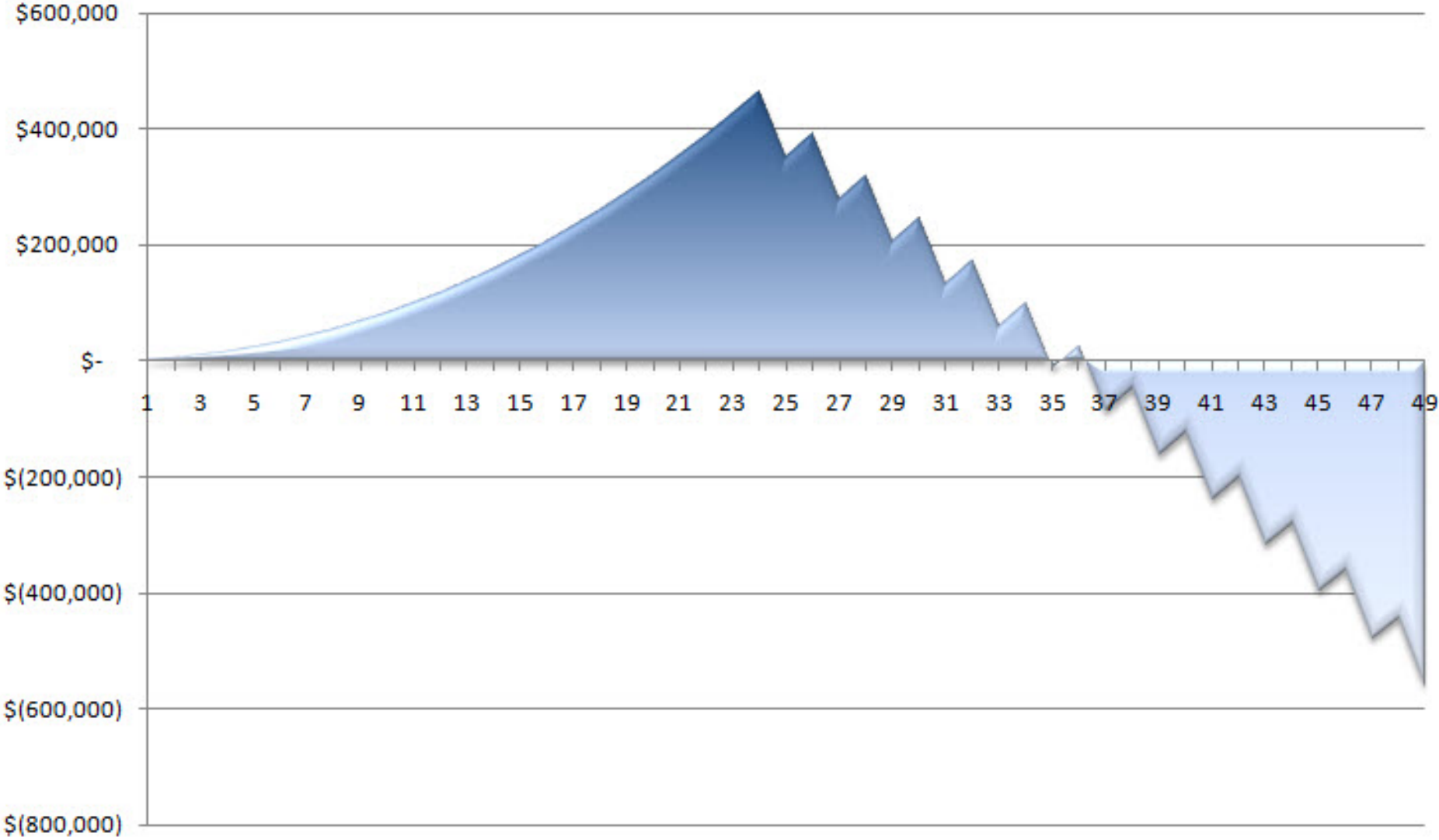
Cumulative Cash Flow - Multiple Projects



Source: www.strongtowns.org, "The Ponzi Growth Scheme, Part 3"

But after two life cycles...there's trouble.

Cumulative Cash Flow - Two Life Cycles



Source: www.strongtowns.org, "The Ponzi Growth Scheme, Part 3"

Congestion!

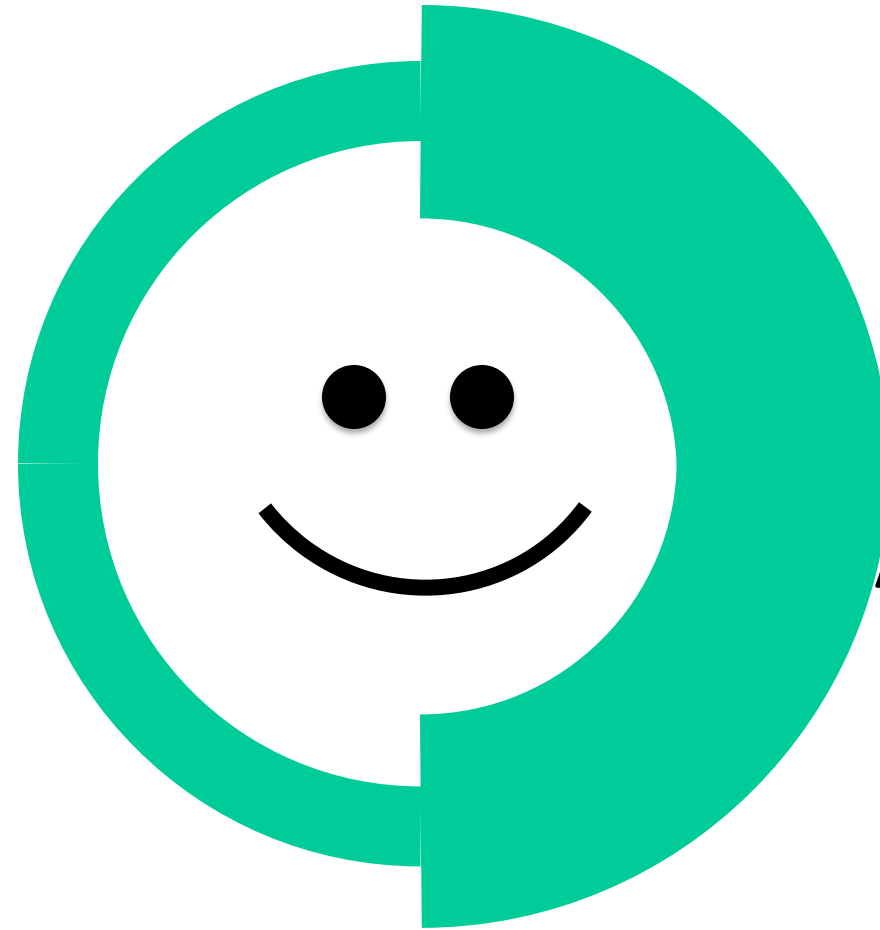


Congestion!



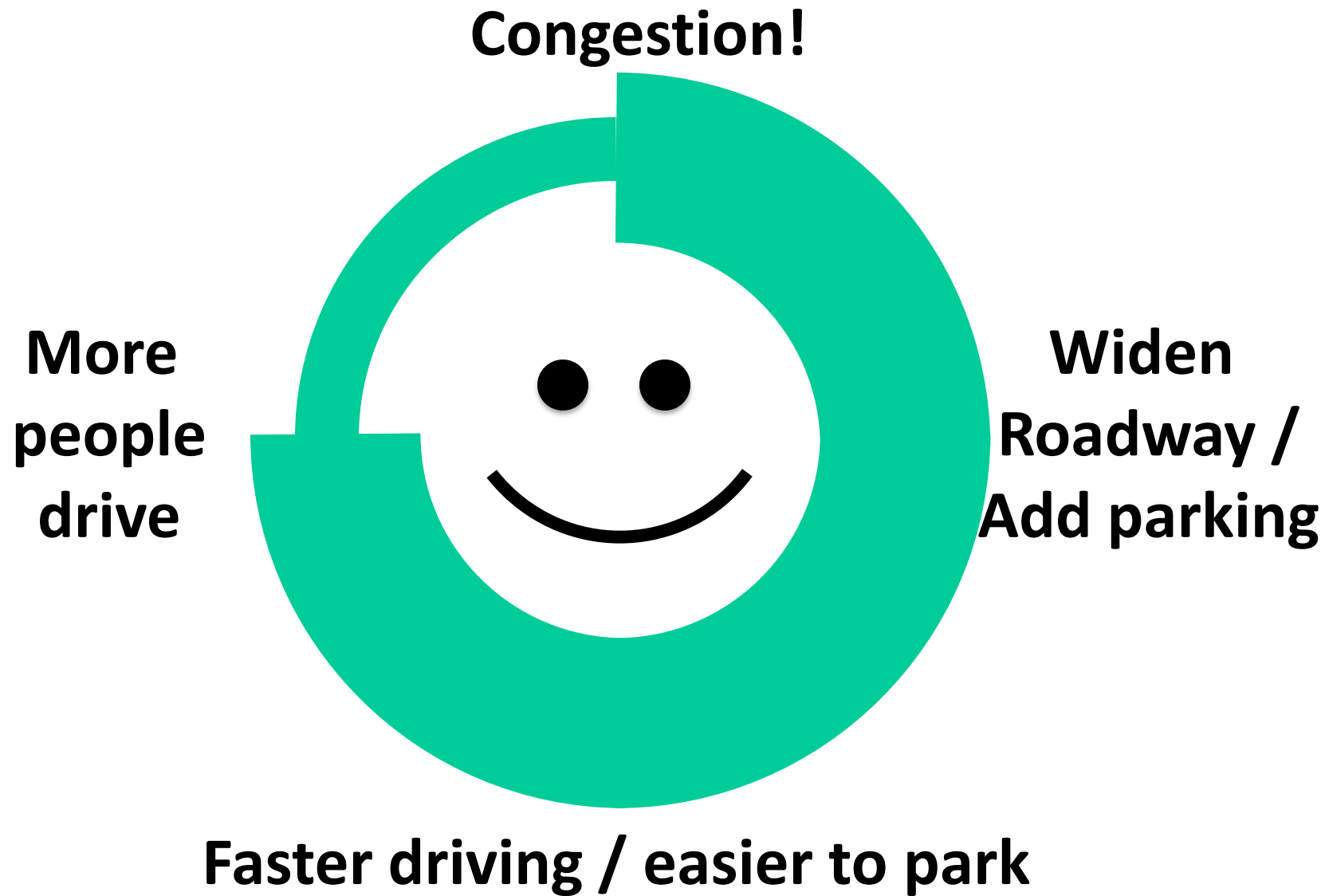
**Widen
Roadway /
Add parking**

Congestion!



**Widen
Roadway /
Add parking**

Faster driving / easier to park



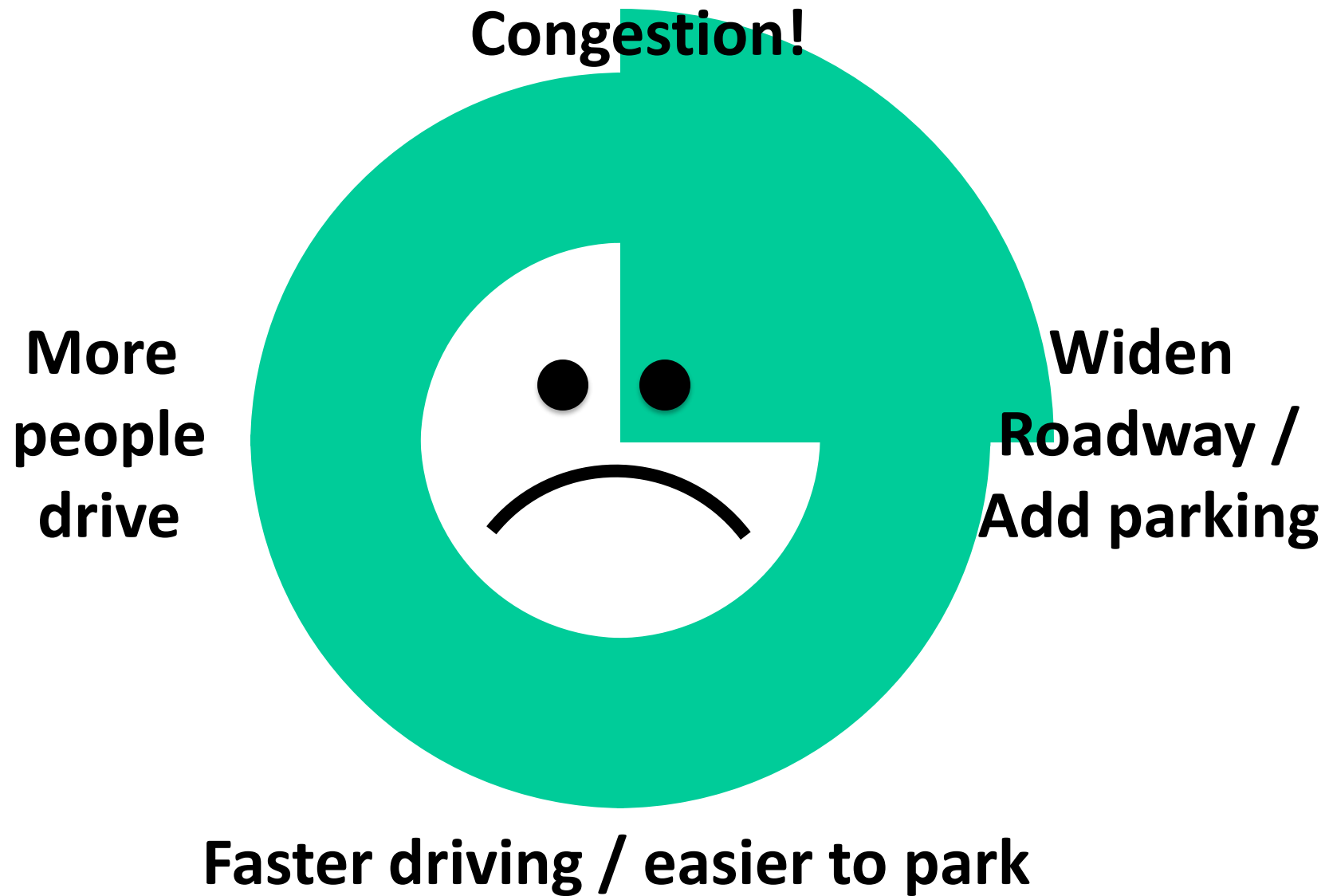
Congestion!

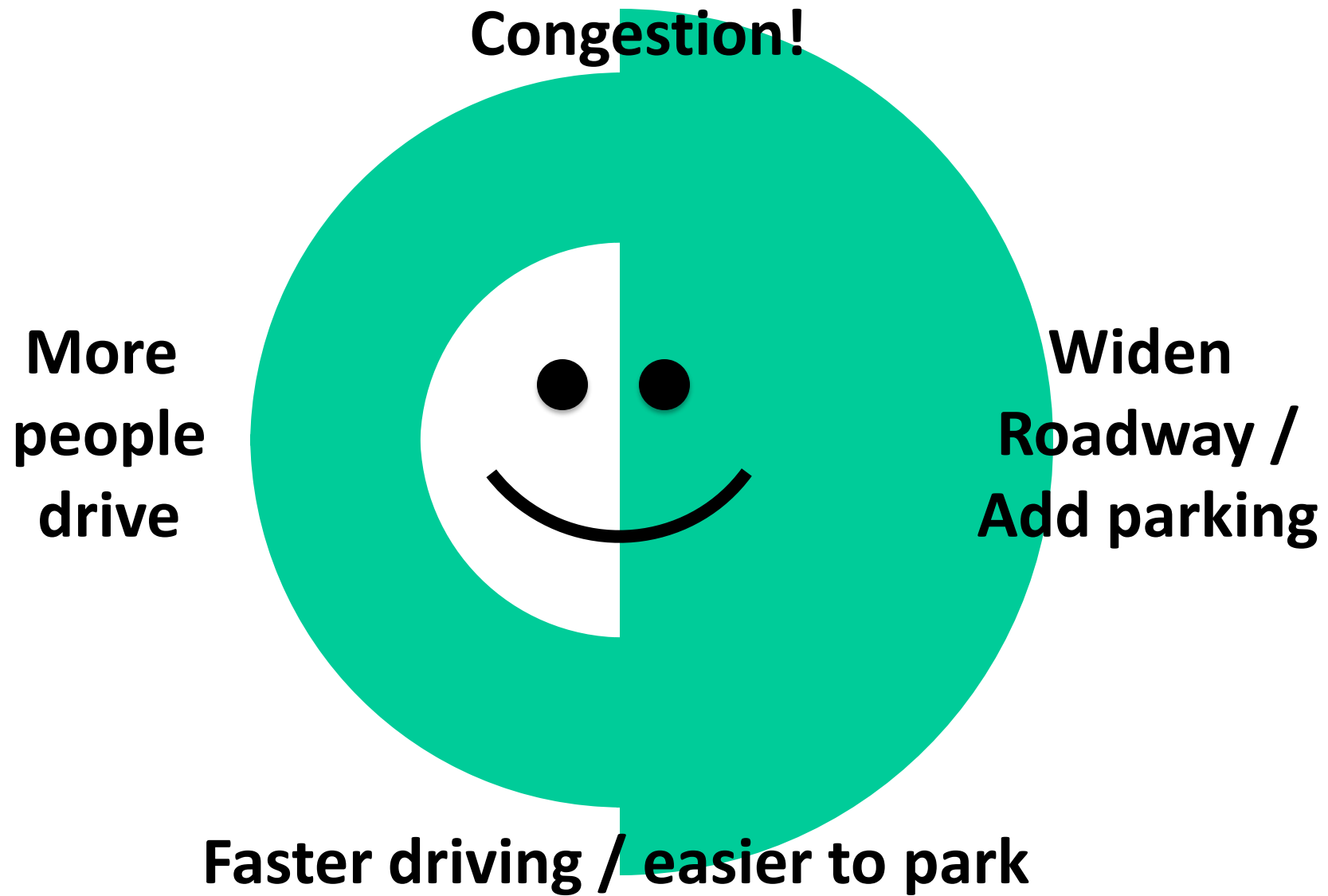
**More
people
drive**

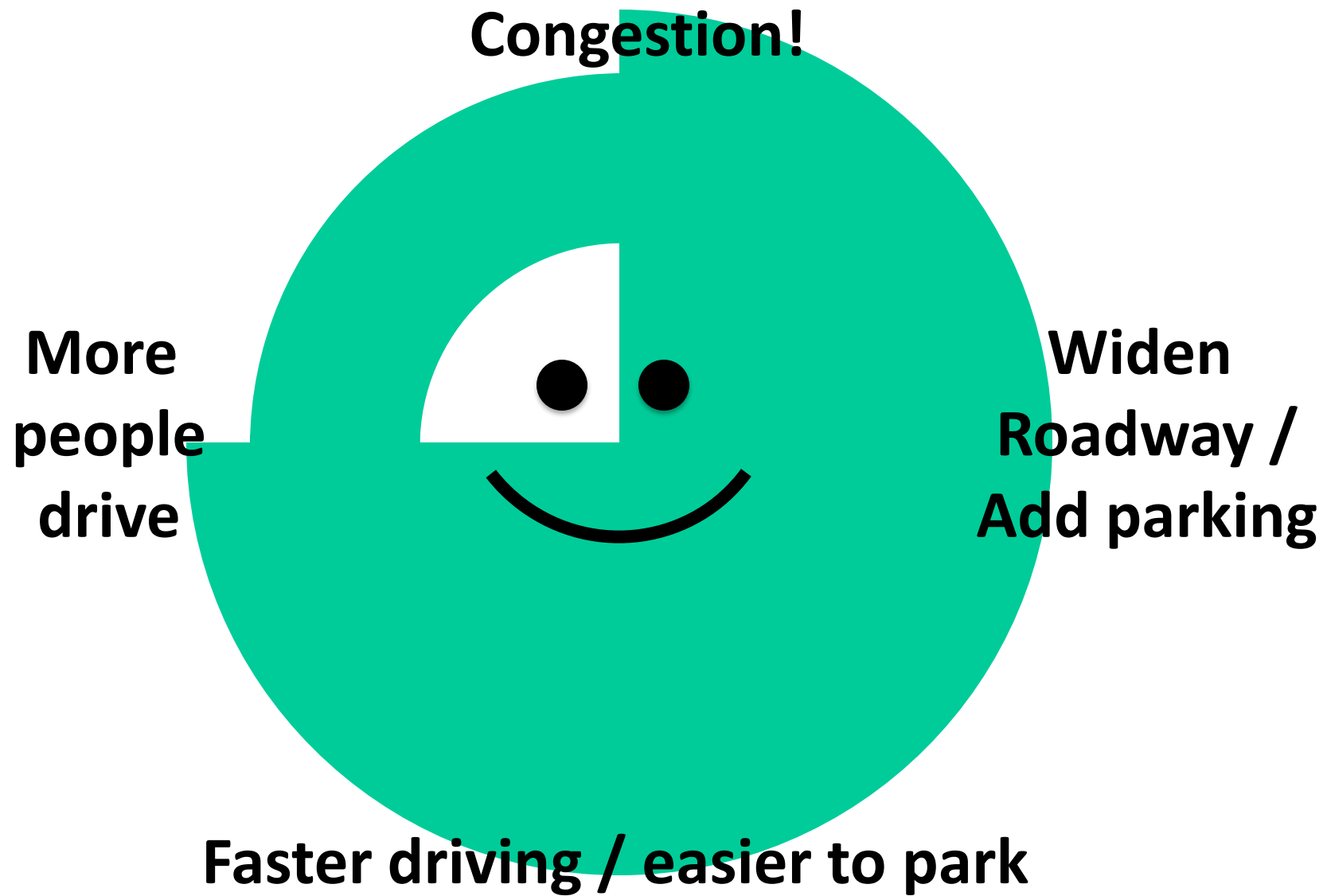


**Widen
Roadway /
Add parking**

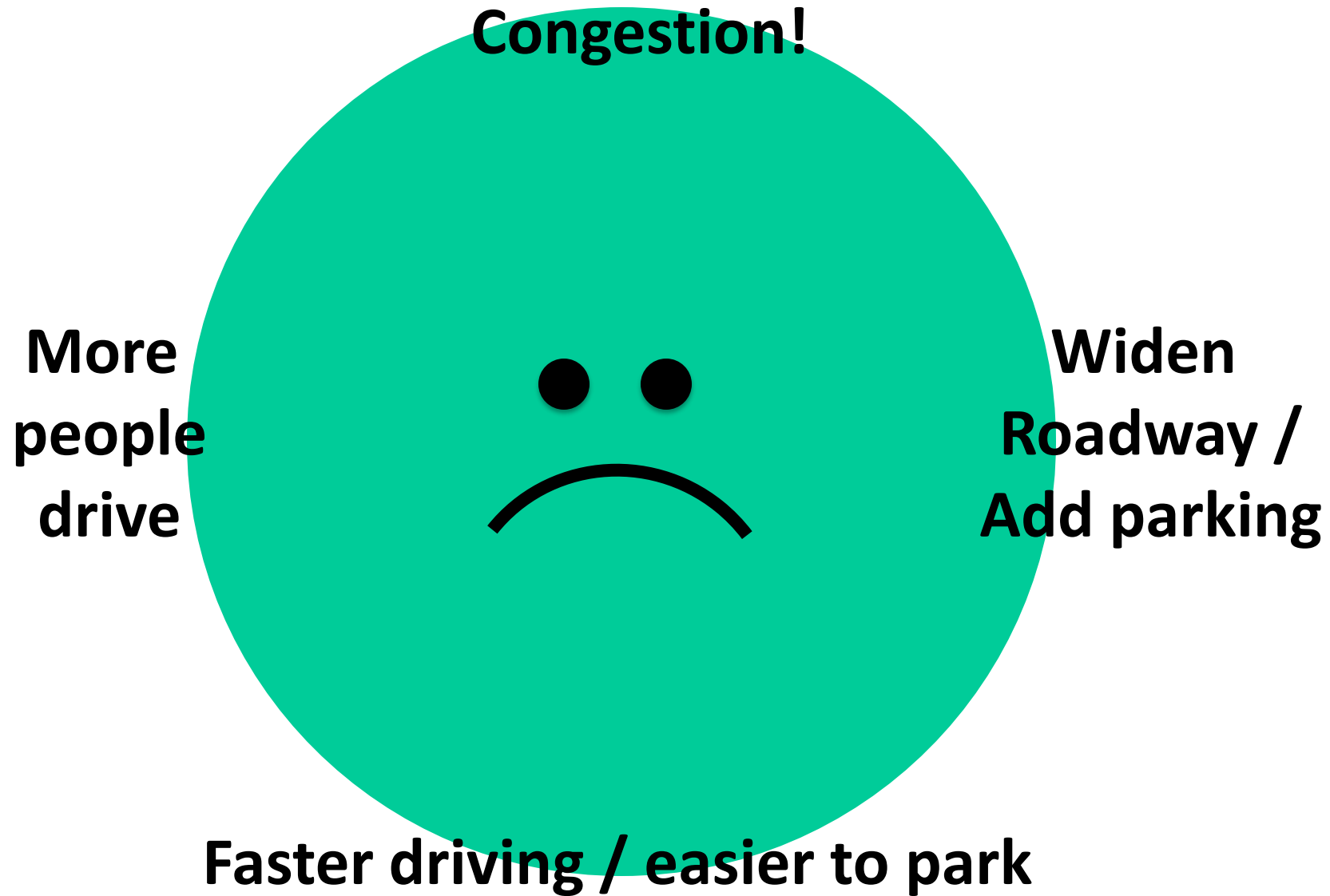
Faster driving / easier to park







You can't solve congestion with infrastructure – it's an economic problem.

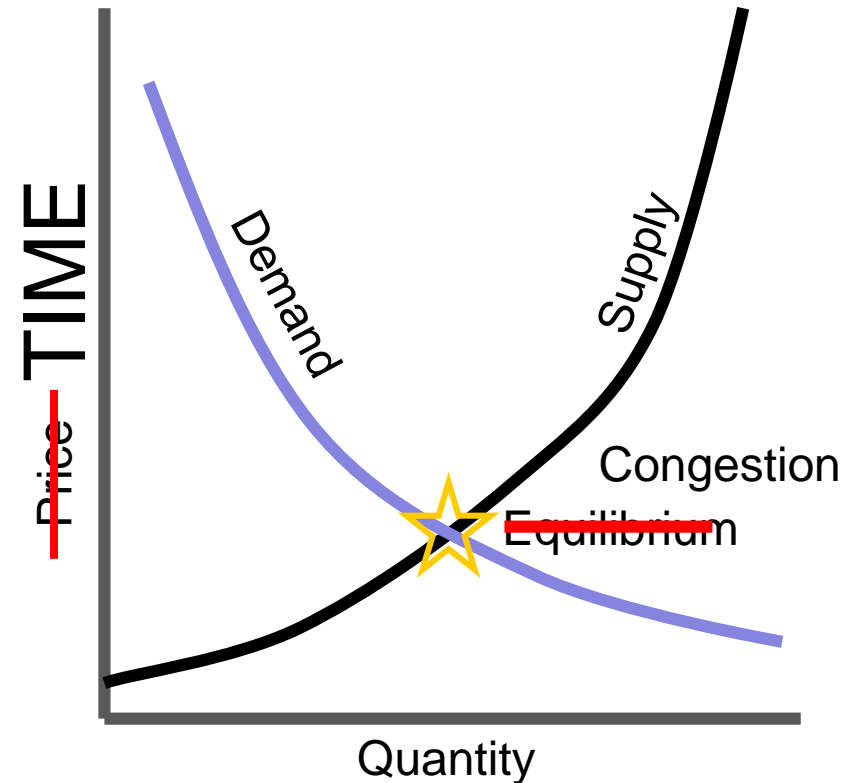


The importance of pricing

ECON 101: Supply & Demand

Without pricing, congestion is the equilibrium point

Congestion is the constant and we cannot solve it by increasing supply.



ON TO 2050



Get involved

Lindsay Bayley

lbayley@cmap.illinois.gov

312-386-8826

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