

# **UPDATE: MPO & THE TOMORROW PLAN**

## Norwalk City Council

February 4, 2016

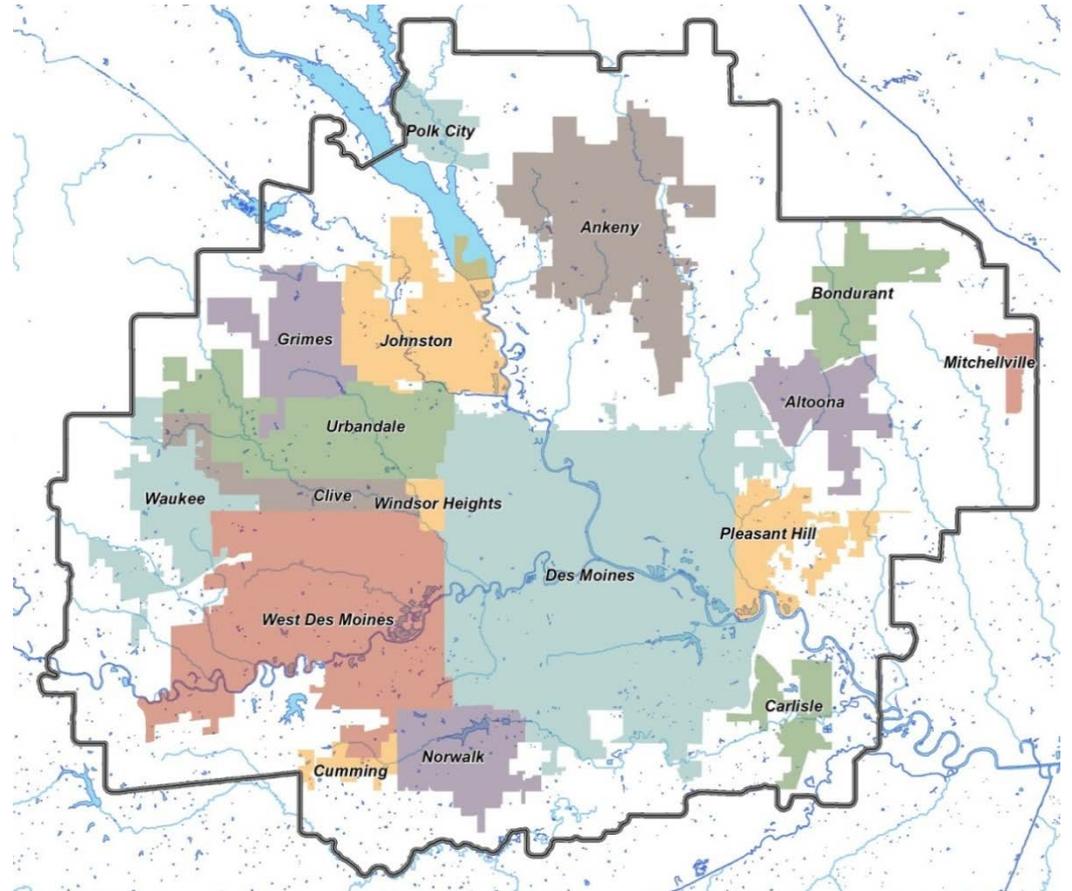
# Today's presentation



- What the MPO does
- Trends
- The Tomorrow Plan
  - Mobilizing Tomorrow
  - Complete Streets
  - Water Trails
- Norwalk
  - Funding
  - Pavement Conditions
  - Bridge Conditions

# Regional forum, regional coordination

- 16 voting member cities
- 3 voting member counties
- DART



# Regional Studies & Planning



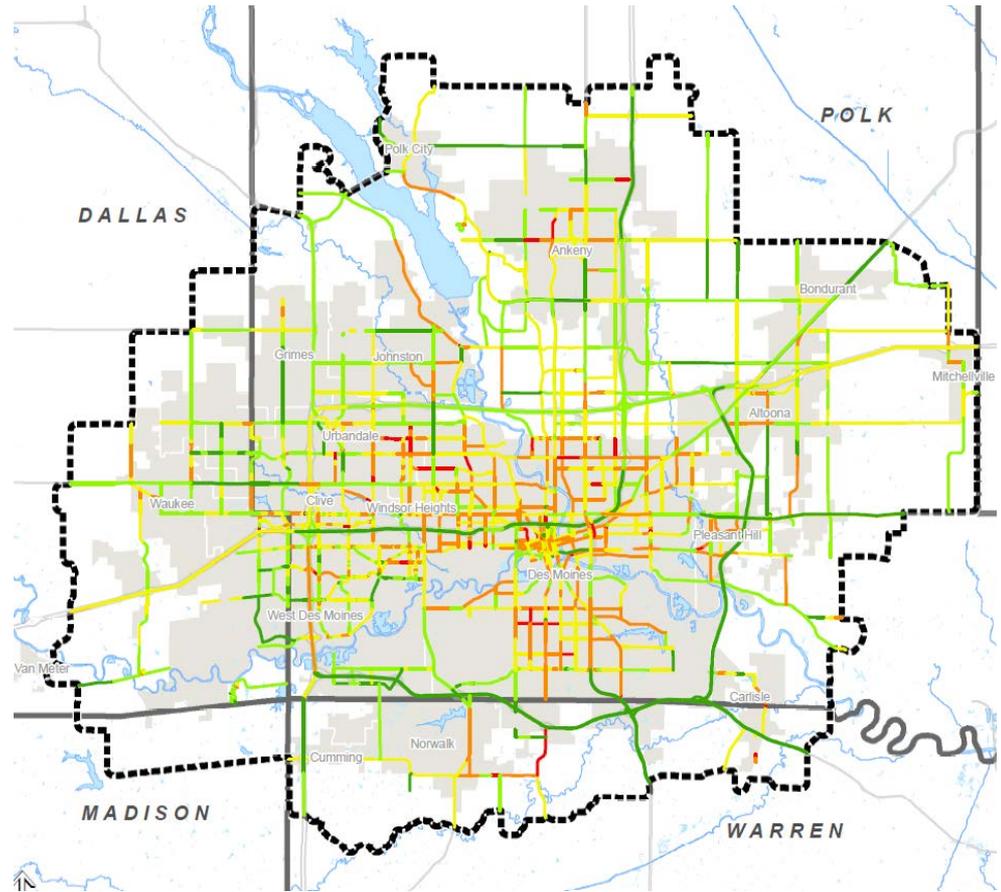
- Transportation
  - Freight Study
  - Ames-Des Moines transit corridor study
- The Tomorrow Plan
  - Watersheds
  - AARP study
  - Water Trails
  - Complete streets

What to expect

# TRENDS

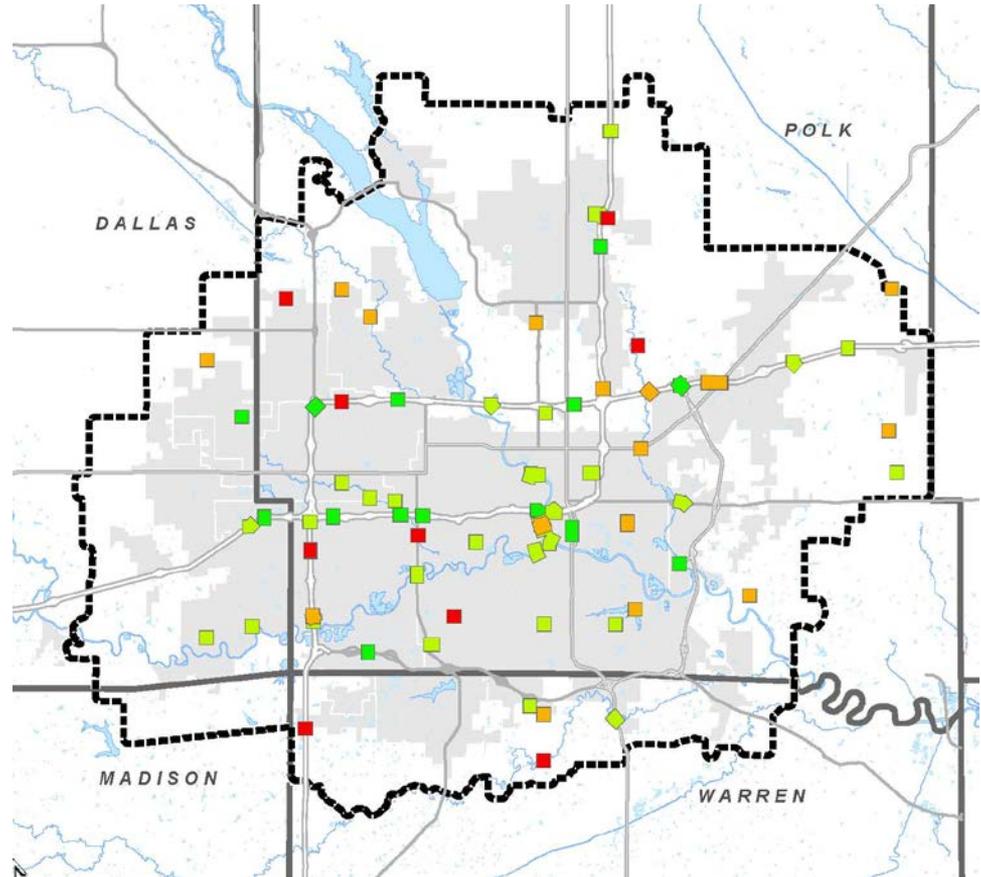
# Aging Infrastructure

- 18% of roads in MPO area rated Poor or Very Poor.
- To prevent roads from worsening, metro needs to spend \$40 million annually over next 10 years – at least \$10 million more annually that current spending levels.

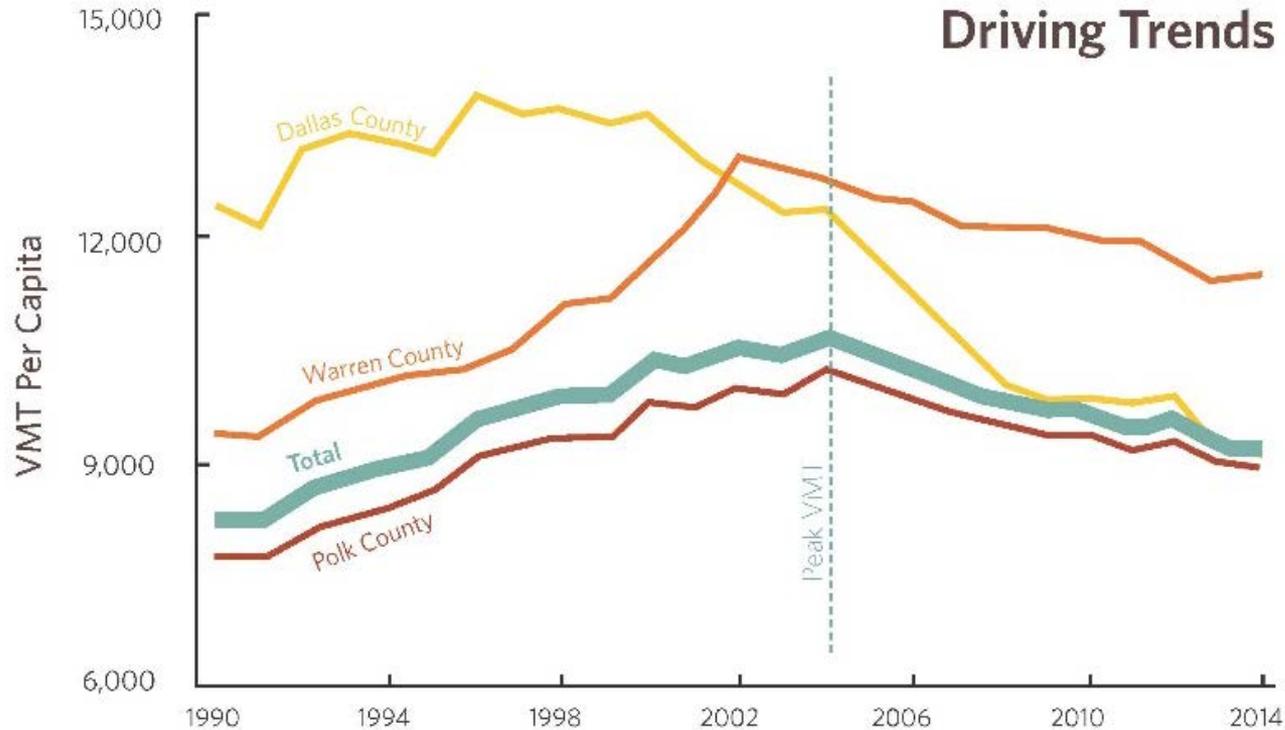


# Aging Infrastructure

- Currently, 100 of 409 bridges in the MPO area are considered deficient or obsolete.
- *Tomorrow Plan*: Invest in maintaining current infrastructure.



# Vehicle miles traveled are declining



- Norwalk VMT down 11 percent 2010-2014

# Residents' transportation priorities

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**5<sup>th</sup> of 14** – Improve public transportation system

**10<sup>th</sup> of 14** – Create new bicycle paths and facilities

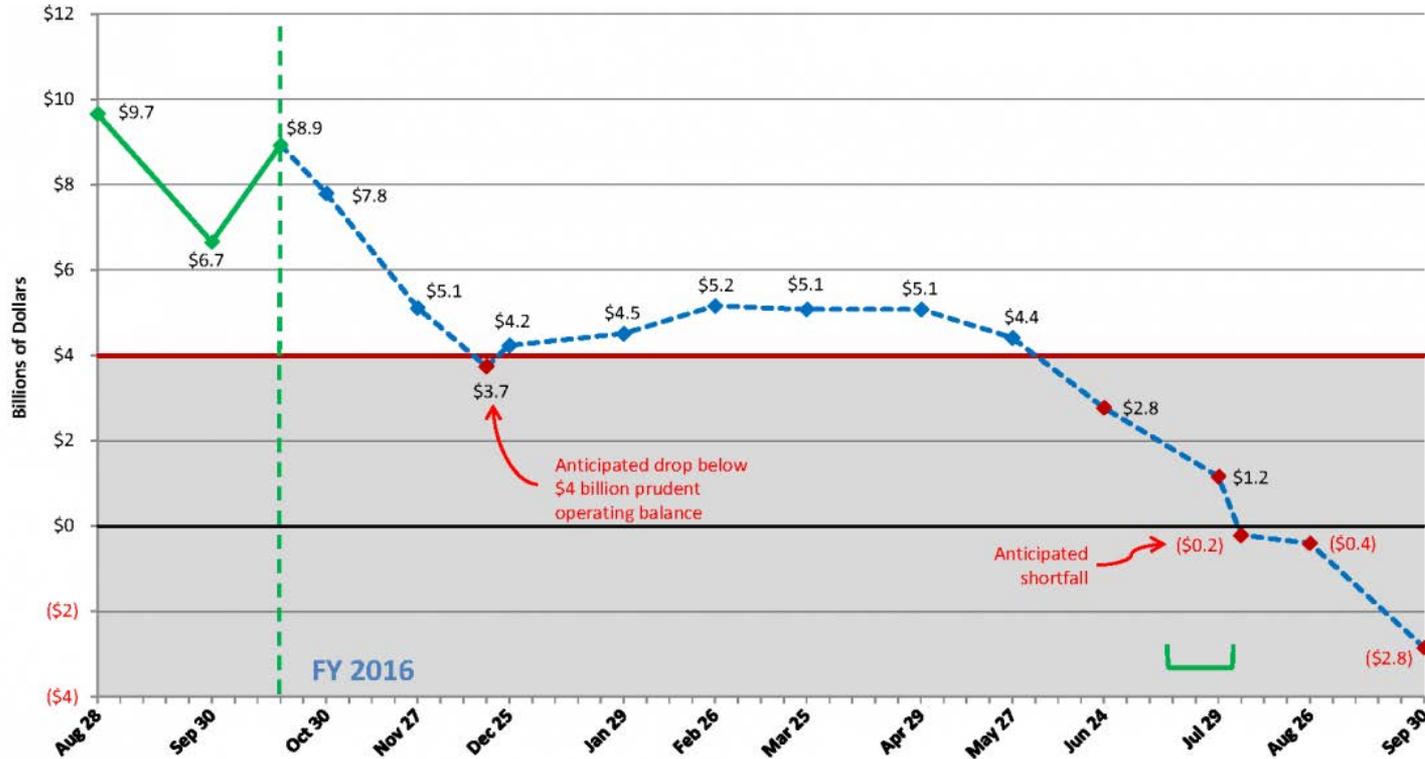
**11<sup>th</sup> of 14** – Expand trail networks

**13<sup>th</sup> of 14** – Add more parking

**14<sup>th</sup> of 14** – Build more roads

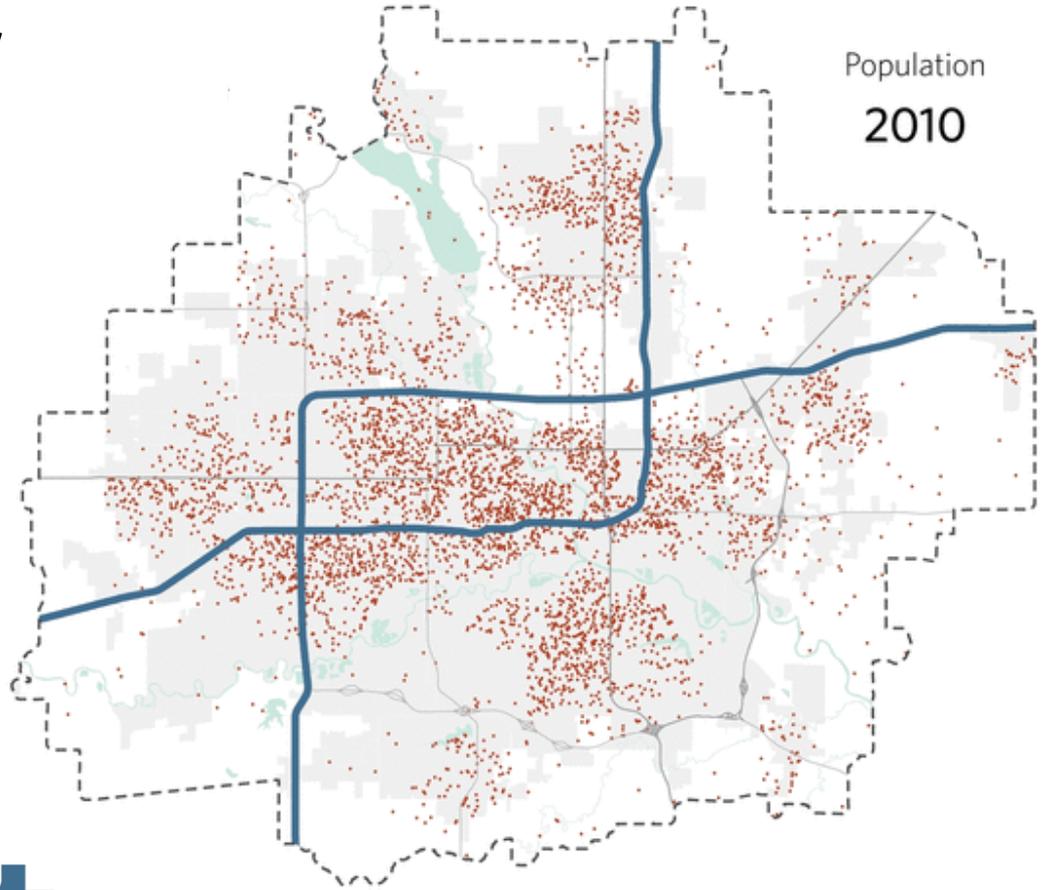


# Declining Federal Revenue: Highway Trust Fund



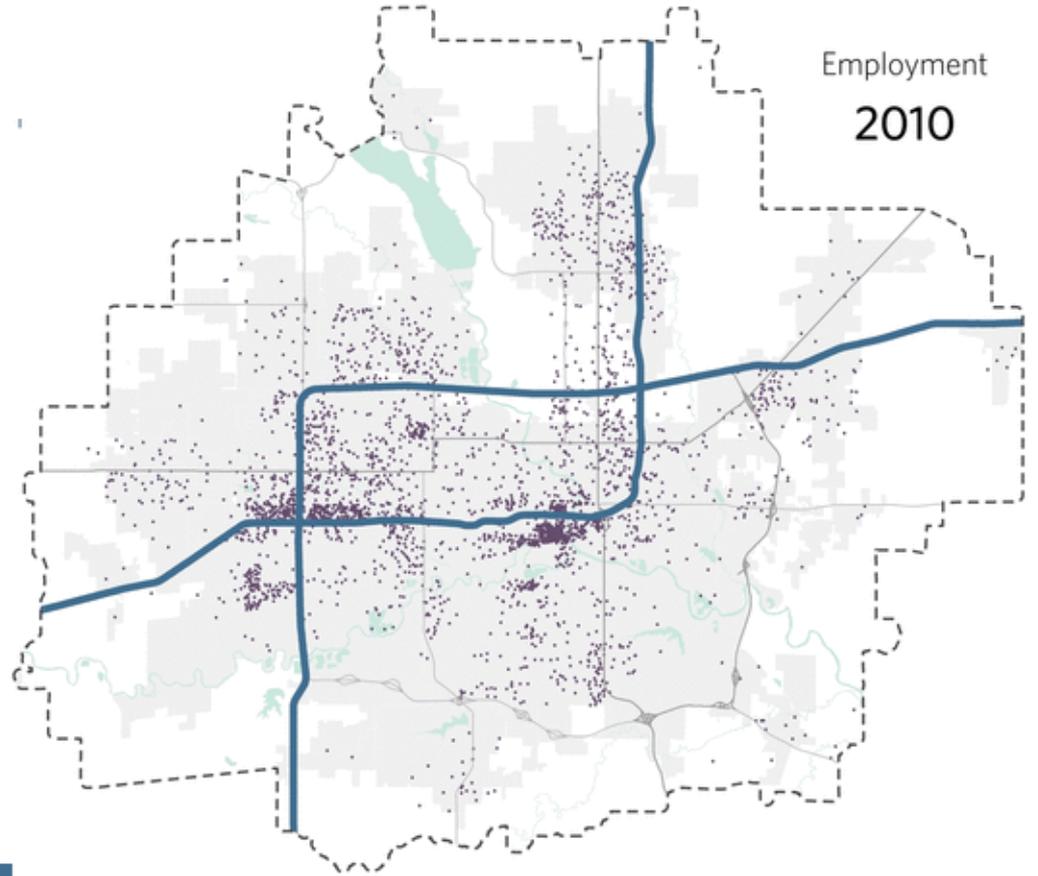
# Metro continues to grow

- 750,000 population by 2050
- Older, more diverse
  - 21% will be 65 or older by 2050 (11% in 2010)
  - 31% will be non-white by 2050 (16% in 2010)

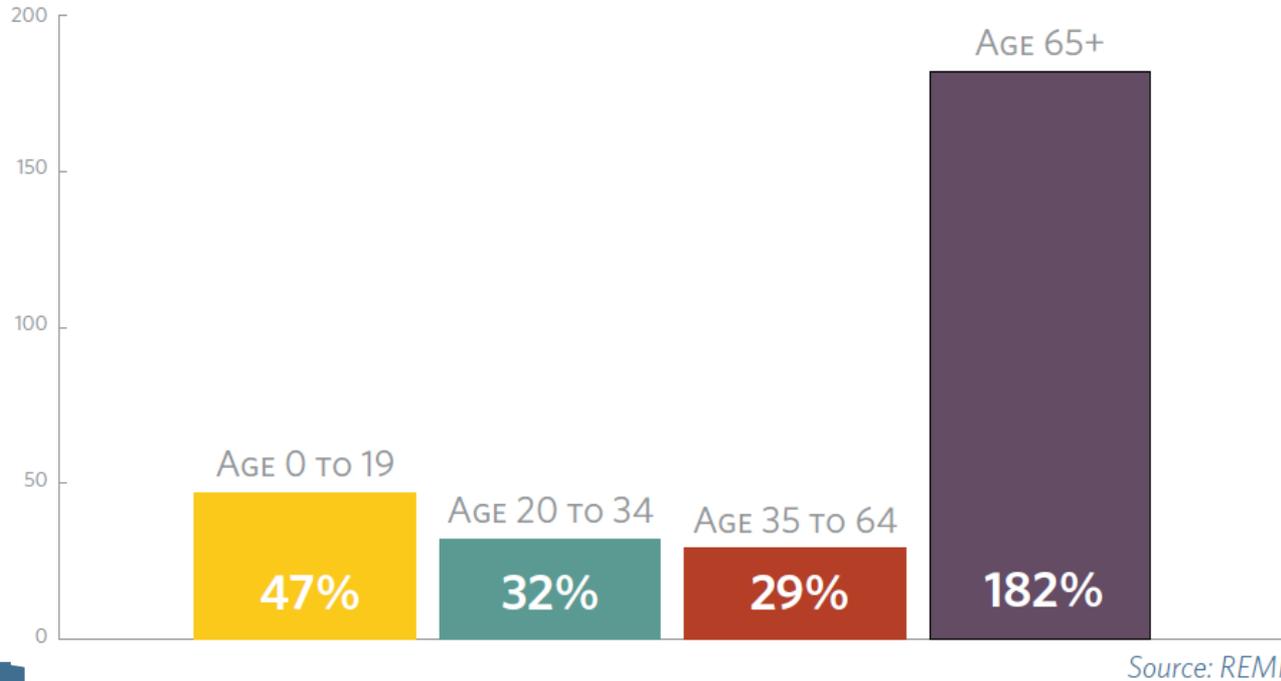


# Employment growth

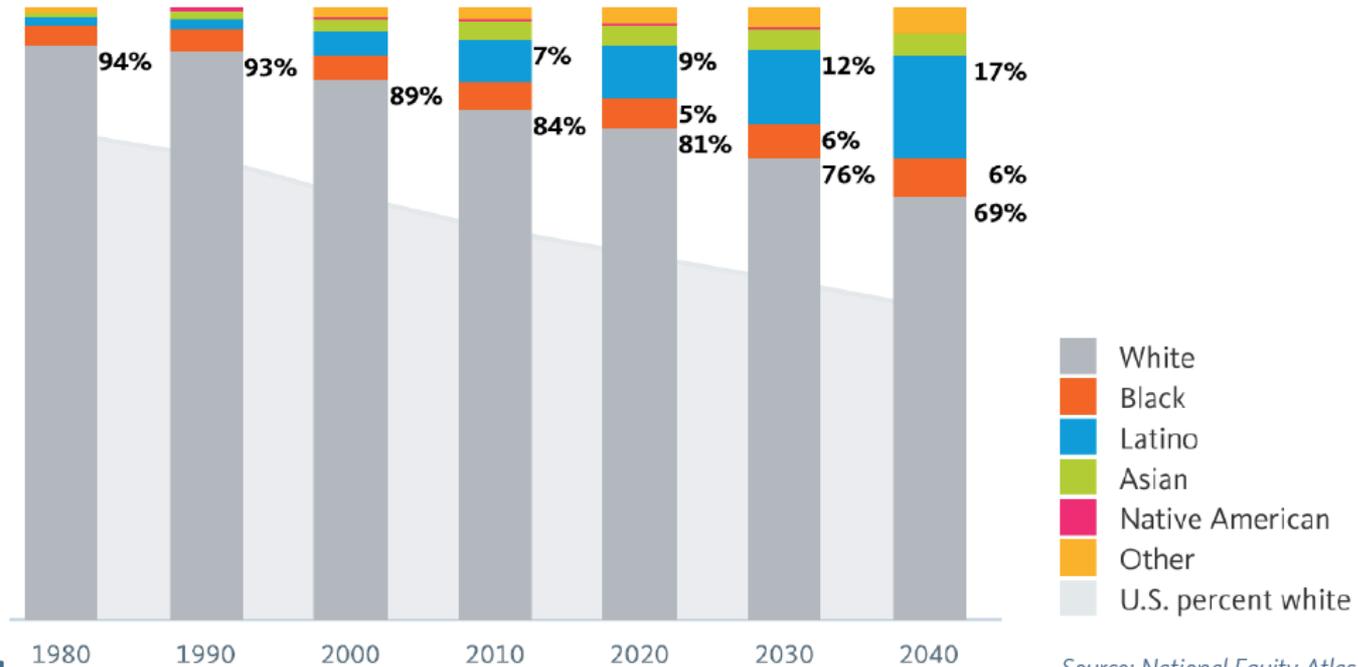
- 40% growth in employment
  - 481,000 jobs by 2050  
(338,000 in 2010)
- Fastest growing industry sectors:
  - Natural resources and construction
  - Education and health services



# Percent growth by age cohorts: 2010 to 2050



# Racial/Ethnic Composition



Source: National Equity Atlas

# Priorities of Greater Des Moines Residents

<b>October 2012 Random-Sample Survey</b>	#1 Priority	Lower Taxes	#8 Priority	Create new parks and conservation areas
	#2 Priority	Increase school funding	#9/10 Priority	Create new bicycle paths and facilities
	#3 Priority	Redevelop vacant properties	#9/10 Priority	Buy out floodplain and convert to open space
	#4 Priority	Enhance storm water system	#11 Priority	Expand the trail network
	#5 Priority	Improve public transit	#12 Priority	Build major regional attraction downtown
	#6 Priority	Spend money to attract new businesses	#13 Priority	Add more parking
	#7 Priority	Support local placemaking	#14 Priority	Build more roads

# Residents' transportation priorities

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**5<sup>th</sup> of 14** – Improve public transportation system

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# What do these trends mean moving forward?



Less money,  
Changing needs &  
Aging infrastructure

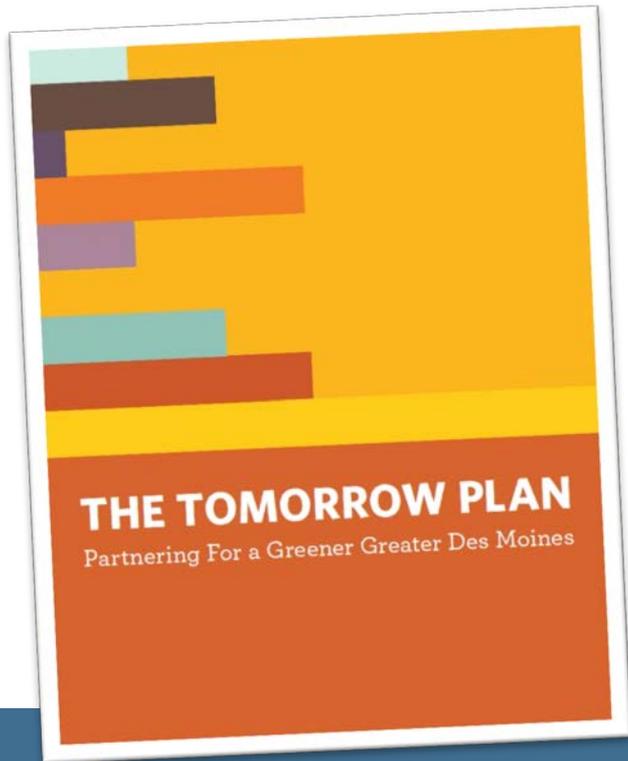


Funding investments  
in transportation  
need to change

# Studies & Projects



- Purple Heart Highway – interstate designation
- Transload Facility
- Southeast Connector
- Ames to Des Moines Transit Study
- On-Street Bike Facilities Study
- Electric Vehicle Readiness Study

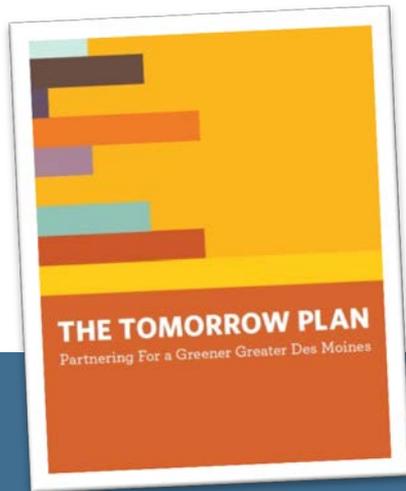


Regional Sustainability Plan

# THE TOMORROW PLAN

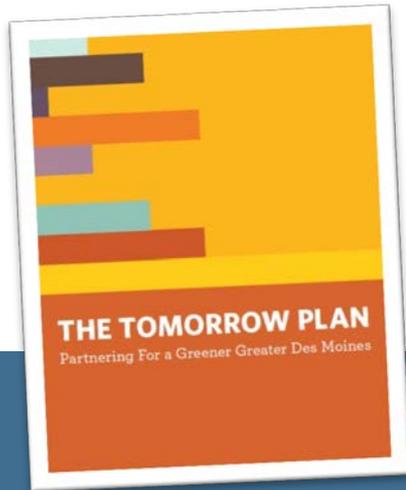
# Early Successes

- Mobilizing Tomorrow
- Rail-port feasibility study
- Electric Vehicle Readiness
- Bike Feasibility Study
- Funding strategy to enhance and maintain existing infrastructure
- Housing Tomorrow completed



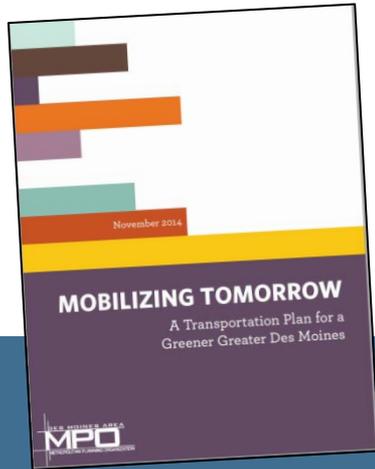
# 2015 Initiatives

- Downtown Walkability
- Mayors Challenge for Complete Streets
- Regional Water Trails Plan
- Greenways Inventory
- Watershed Management Plans
- Housing Tomorrow implementation
  - Home repair programs
  - Model regulations
  - Evaluate housing projects



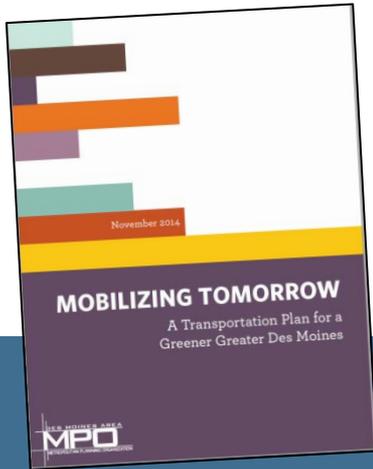
# Mobilizing Tomorrow

- Plan adopted by MPO in November 2014
- Fiscally constrained
- Identifies projects, policies, and funding necessary to achieve vision for future network



# Goals

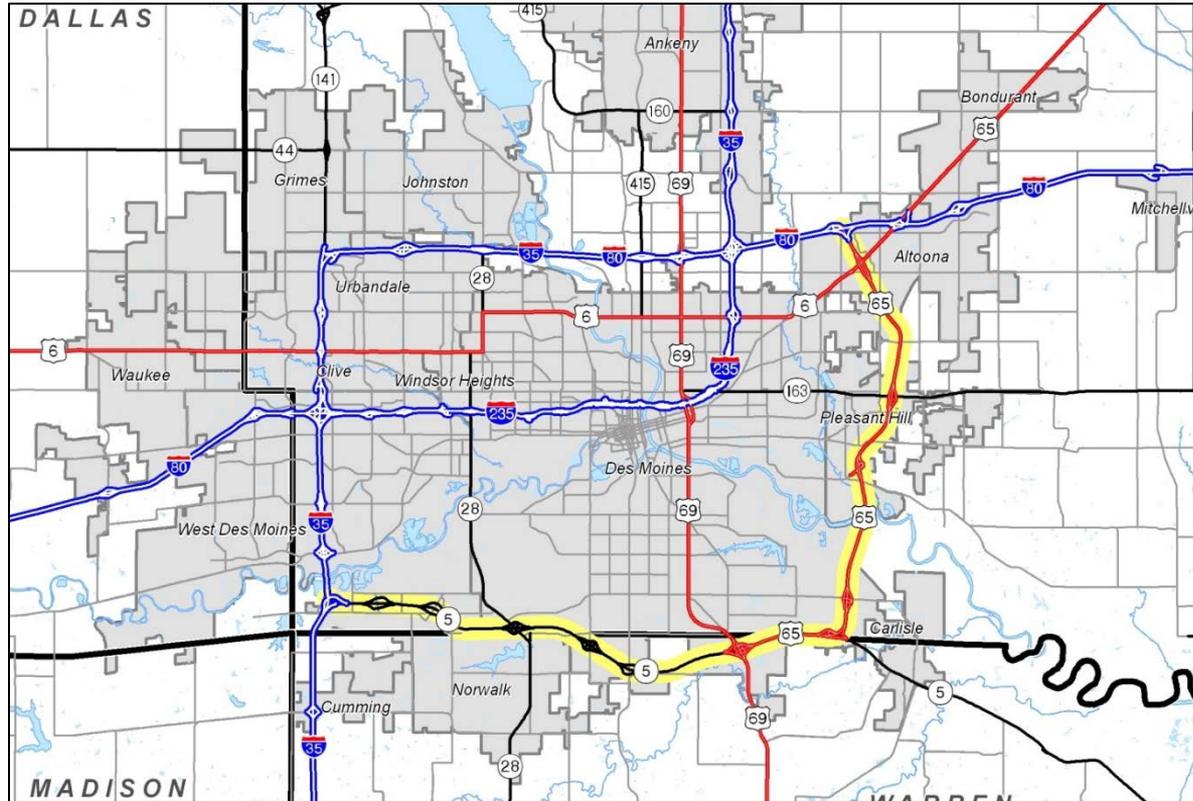
- Enhance Multimodal Transportation Options
- Improve the Region's Environmental Health
- Manage and Optimize Transportation Infrastructure and Services
- Further the Health, Safety and Well-Being of all Residents in the Region





# CITY OF NORWALK

# Purple Heart Highway changing to interstate



# Funding available to city

1 of ~75 projects in long-range plan are in Norwalk

- Beardsley Reconstruction West
  - Adding turn lanes or additional lanes
  - IA 28 to Lake Colchester Bridge)



# Recent project funded with MPO grant

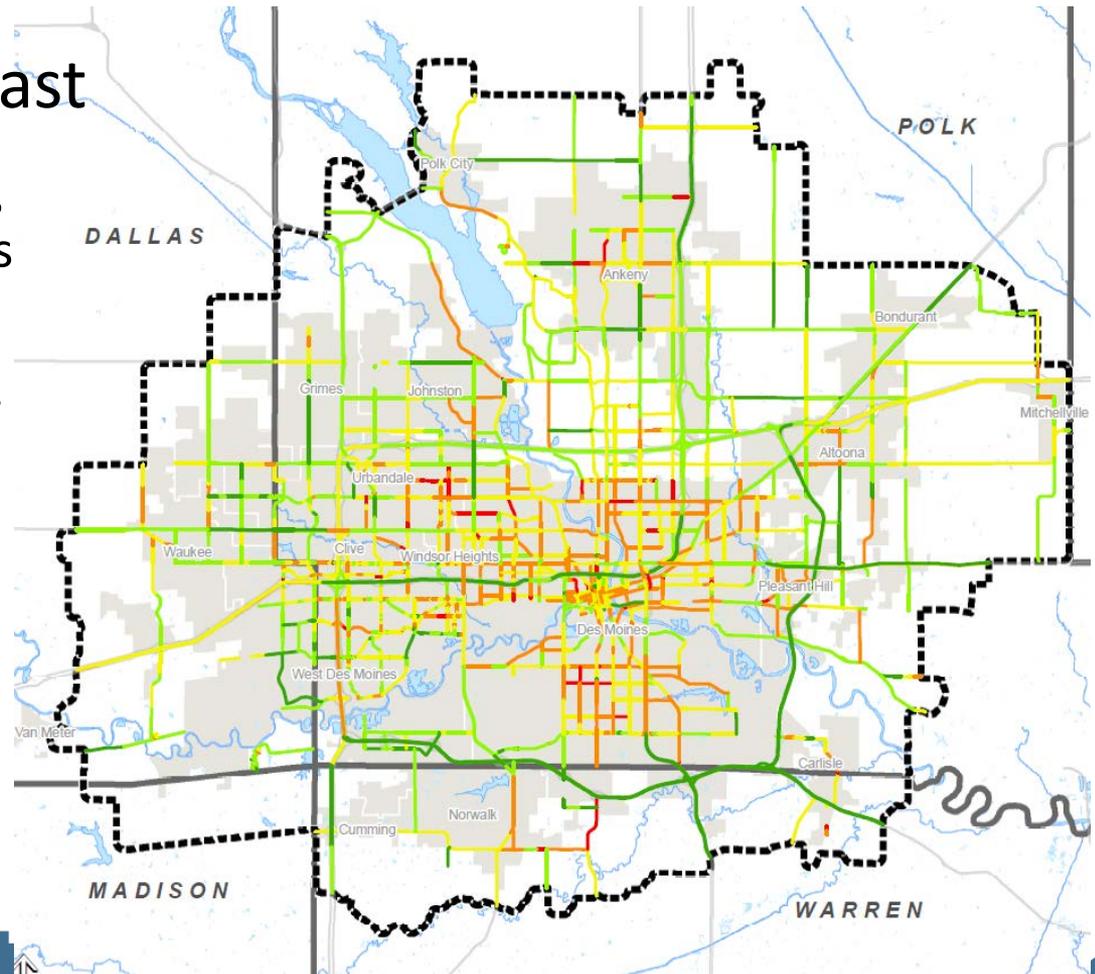
## 2014 – Mixed-Use Center Transportation Study

- \$37,500
- Surface Transportation Project (STP)



# Pavement Quality Forecast

- Regional goal: Maintain streets and roads at current conditions
  - Established in Mobilizing Tomorrow
  - Measured by percent in Poor or Very Poor condition (18%)
- Collectively, the region would need to spend at least \$10 million more annually to prevent road conditions from getting worse





# Pavement quality forecast based on current spending

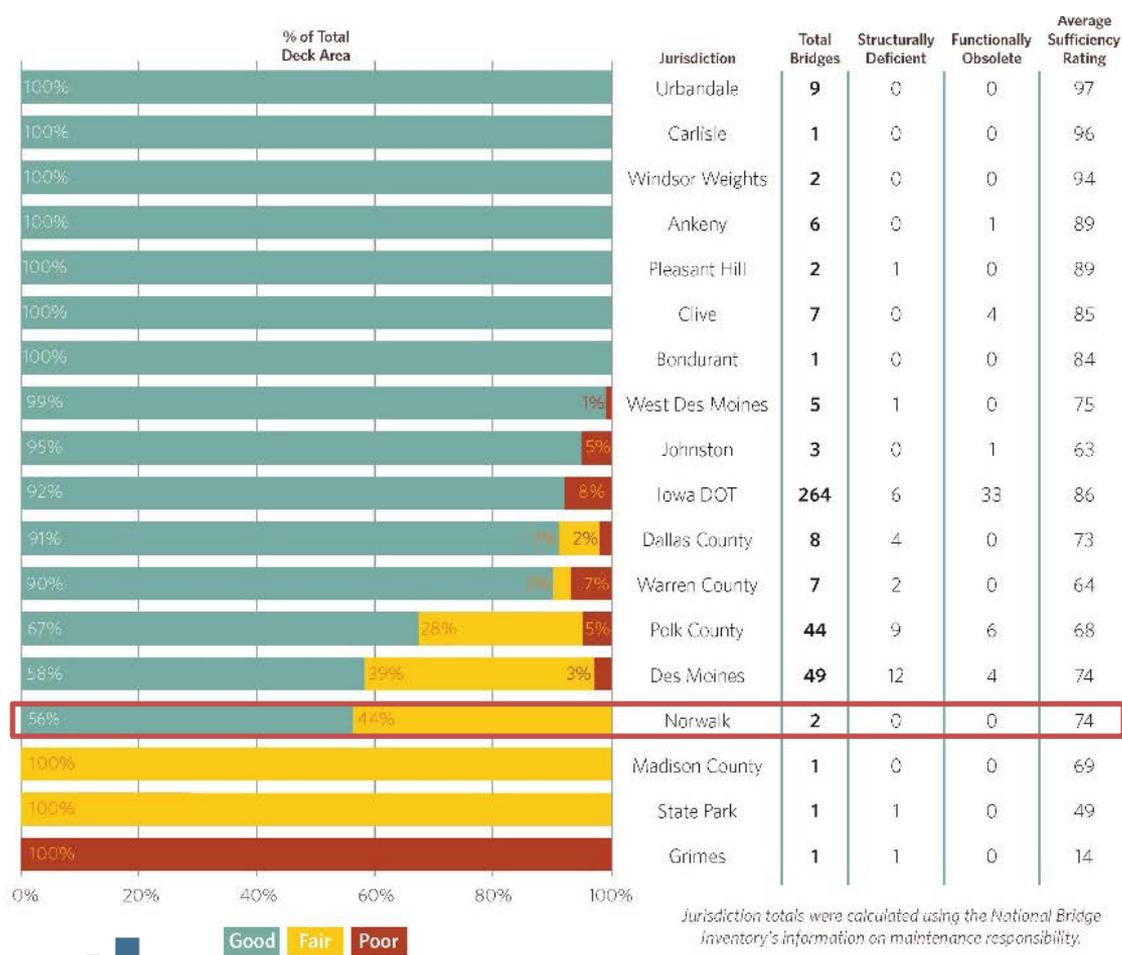


**Current:**  
Meeting regional goal

**Forecast:** Not meeting regional goal in 10 years

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
16.9	19.5	22.9	20.2	23.5	21.3	21.3	25.7	27.0	24.5

- Norwalk's two bridges are in fair to good condition
  - None is "structurally deficient"
  - None "functionally obsolete"



# MPO Services

Norwalk is invited to utilize the services that MPO provides its member governments

- Map making
- Grant writing
- Planning Support

## **Contact:**

Dylan Mullenix  
Assistant Director  
515-334-0075

[dmullenix@dmampo.org](mailto:dmullenix@dmampo.org)





Ever mindful of future  
generations,  
we collaborate across political  
boundaries  
to achieve social, economic, and environmental  
resilience for  
Greater Des Moines



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