

October 2015

Performance Measures Progress Report

In 2014 the Des Moines Area Metropolitan Planning Organization (MPO) approved *Mobilizing Tomorrow* as the long-range, regional transportation plan for the year 2050. *Mobilizing Tomorrow* outlined four high-level goals to direct Greater Des Moines toward a more vibrant transportation system. Each of these goals identified several performance measures to help track the plan's progress.

One year into *Mobilizing Tomorrow*, new data has been gathered to highlight how the region has performed in achieving the four goals set out.

Key

- Blue Arrow: The plan goal calls for increasing, decreasing, or staying the same to reach target.
- Green Arrow/Box: The region is trending in-line with the plan.
- Red Arrow/Box: The region is trending opposite of the plan.
- Gray Arrow/Box: No significant change toward plan goals.

GOAL	MEASURE	DATA	2050 TARGET	GOAL	ACTUAL	TREND
Further the Health, Safety and Well-Being of all Residents in the Region						
Crashes	Number of Fatalities	2013: 30	Decrease	↓	→	0%
		2015: 30				
	Fatalities per 100 Million VMT	2013: 0.71	Decrease	↓	↓	-4%
		2015: 0.68				
	Number of Serious Injuries	2013: 215	Decrease	↓	↓	-6%
		2015: 202				
	Serious Injuries per 100 Million VMT	2013: 5.08	Decrease	↓	↑	12%
		2015: 5.74				
Regional Trail Gaps	Number of Gaps	2013: 13	0	↓	→	0%
		2014: 13				
	Miles of Gaps	2013: 66	0	↓	↓	-8%
		2014: 61				

Taking Action:

Carlisle, Des Moines, Norwalk, West Des Moines, and Windsor Heights have adopted Complete Streets policies to ensure all modes are considered.

GOAL	MEASURE	DATA	2050 TARGET	GOAL	ACTUAL	TREND
Manage and Optimize Transportation Infrastructure and Services						
Bridge Sufficiency Rating	Average Rating	2012: 82	No Target Set	No Target Set		0%
		2014: 82				
	Deficient Bridges (%)	2012: 25%	Maintain			1%
		2014: 26%				
Transit Level of Service (Peak Hour)	Average Age of Fleet (Years)	FY2014: 8.18	6 Years			4%
		FY2015: 8.47				
	Vehicles Beyond Useful Life (%)	FY2014: 25%	0			14% (pp)
		FY2015: 39%				
	Non-Congested Roadways (% of Road Miles)	2013: 98.2%	> 90		No Update	No Update
2014: No Update						
Pavement Condition Index	Average Pavement Condition Index	2013: 60	Maintain		No Update	No Update
		2014: No Update				
	% Roads in Poor or Worse Condition	18%	Maintain		No Update	No Update
		2014: No Update				
Freight Impediments	Number of Impediments	2013: 16	0			0%
		2015: 16				

Taking Action:

West Des Moines, Des Moines, Windsor Heights, and Norwalk are pursuing “Nodes and Corridor” development in key locations to encourage a system of vibrant, walkable mini-cores.

Improve the Region’s Environmental Health						
Environmental Impacts	Environmental Conflict Areas (Acres)	2013: 45,847	Maintain		No Update	No Update
		2014: No Update				
	Environmental Challenge Areas (Acres)	2013: 77,106	Mitigate What is Disturbed	-	No Update	No Update
		2014: No Update				
Vehicle Miles Traveled	Total (Average Weekday)	2013: 11,591,234	No Target Set	No Target Set	No Update	No Update
		2014: No Update				
	Per Capita (Average Weekday)	2013: 24.14	Decrease		No Update	No Update
		2014: No Update				

Taking Action:

Johnston and Ankeny have installed Green Street technologies to reduce stormwater impacts.

Electric vehicle charging stations have sprouted up throughout the region in Ankeny, Clive, Des Moines, Johnston, Urbandale, and Waukee.

GOAL	MEASURE	DATA	2050 TARGET	GOAL	ACTUAL	TREND
Enhance Multimodal Transportation Options						
On-Street Bicycle Network	Miles of On-Street Facilities	2013: 23 Miles	400	↑	↑	35%
		2015: 31 Miles				
Mode Choice/Split (Peak Hour Trips to Downtown)	Single Occupancy Vehicles	2013: 77%	55%	↓	No Update	No Update
		Update 2016				
	Transit	2013: 7%	20%	↑	No Update	No Update
		Update 2016				
	Carpool	2013: 12%	15%	↑	No Update	No Update
		Update 2016				
Walk/Bike/Work From Home/Other	4%	10%	↑	No Update	No Update	
	Update 2016					
Transit	Total Ridership	FY2014: 4.7 M.	8.8 Million	↑	↑	2%
		FY2015: 4.8 M.				

Certain measures included in the chart do not have 2050 targets. These measures help give a clearer understanding of the current system without setting a goal for the future.

Taking Action:

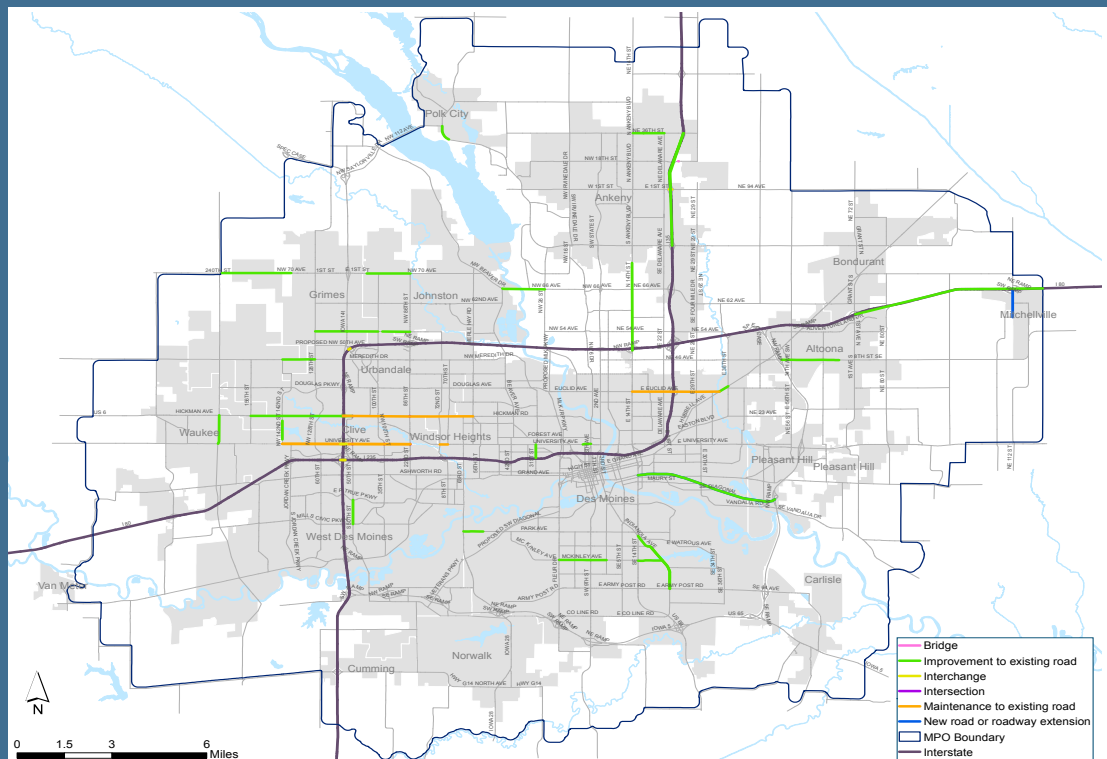
In the past year, BCycle added four stations and 31 bikes with nearly twice as many trips logged in 2015 than 2014.

The City of Des Moines is initiating a walkability study to support multimodal transportation options downtown.

Planned Projects:

Progress is being made on 35 transportation projects, highlighted in the adjacent map, of the 53 projects planned for the 2015-2024 time frame in Mobilizing Tomorrow.

An interactive map showing all of the projects in the long-range transportation plan is online at dmampo.org/maps.



Measurements by Member

MEMBER	CRASH				VMT
	FATALITIES (5 YEAR AVG)	FATALITIES PER 100M VMT	SERIOUS INJURIES (5 YEAR AVG)	SERIOUS INJURIES PER 100M VMT	2012 VMT PER CAPITA
ALTOONA	0.4	0.41	3	3.05	6,378
ANKENY	1.6	0.50	16.2	5.07	6,515
BONDURANT	0.6	2.59	2.4	10.35	5,487
CARLISLE	0	-	0.4	4.73	2,154
CLIVE	0.2	0.13	6	3.97	9,307
CUMMING	0	-	0.4	31.85	3,367
DES MOINES	12.2	0.86	109.2	7.67	6,892
GRIMES	0.4	0.60	2.2	3.31	7,351
JOHNSTON	0	-	2	2.67	3,997
MITCHELLVILLE	0	-	0.2	7.28	1,237
NORWALK	0.2	0.71	1.2	4.27	2,986
PLEASANT HILL	0.8	1.00	2	2.50	8,880
POLK CITY	0.2	1.55	0.8	6.19	3,467
URBANDALE	0.4	0.10	9.8	2.44	9,789
VAN METER	0	-	0	-	1,374
WAUKEE	0.6	1.33	2.4	5.32	2,834
WEST DES MOINES	4.6	0.74	18.4	2.96	10,501
WINDSOR HEIGHTS	0.8	1.61	1.8	3.61	10,220
DALLAS COUNTY	0.6	NA	1.8	NA	NA
MADISON COUNTY	0	NA	0.4	NA	NA
POLK COUNTY	5.2	NA	13.8	NA	NA
WARREN COUNTY	0.8	NA	1.6	NA	NA
MEMBER	BRIDGE CONDITIONS		FREIGHT	BICYCLE AND PEDESTRIAN FACILITIES	
	AVG SUFFICIENCY RATING (NBI)	% DEFICIENT BRIDGES	NUMBER OF IMPEDIMENTS	MILEAGE OF ON- STREET FACILITIES	REGIONAL TRAIL GAPS
ALTOONA	-	-	0	2.3	1.9
ANKENY	86.6	14	0	0	0.6
BONDURANT	83.9	0	0	0	2.5
CARLISLE	96.3	0	0	0	3.6
CLIVE	82.4	50	0	0	0
CUMMING	-	-	0	0	0
DES MOINES	73.7	45	12	21.9	18.1
GRIMES	18.0	100	0	0	1.7
JOHNSTON	73.6	20	0	0	2.9
MITCHELLVILLE	-	-	0	0	0.6
NORWALK	80.9	0	0	0	3.2
PLEASANT HILL	88.7	50	0	0	0.8
POLK CITY	-	-	0	1.8	0.1
URBANDALE	94.4	0	0	0	1.1
VAN METER	-	-	0	0	0
WAUKEE	-	-	0	0	0
WEST DES MOINES	75.0	20	0	4.3	3.6
WINDSOR HEIGHTS	93.9	0	0	0	0
DALLAS COUNTY	73.1	50	0	0	0
MADISON COUNTY	69.2	0	0	0	0
POLK COUNTY	68.8	34	4	1	12.7
WARREN COUNTY	66.7	29	0	0	6.6