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**NOTICE OF MEETING**

**Des Moines Area Metropolitan Planning Organization (MPO)  
 Transportation Technical Committee (TTC)**

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**9:30 a.m., Thursday, May 5, 2011  
 Des Moines Botanical Center's Willow Room**

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**TENTATIVE AGENDA**

- I. Call to Order**
- II. Approval of Agenda**
- III. Approval of Meeting Minutes**  
 April 7, 2011 .....Page 2
- IV. Action Item**  
*Federal Fiscal Year 2012 Unified Planning Work Program and Budget Final Draft* .....Page 7
- V. Discussion Items**
  - A. Calendar Year 2012 Meeting Dates **\*\*With Option to Take Action\*\*** .....Page 9
  - B. Federal Fiscal Years 2012-2015 Surface Transportation Program and Surface Transportation Program Transportation Enhancement Funding Award Adjustments .....Page 11
  - C. *Federal Fiscal Years 2012-2015 Transportation Improvement Program Draft*.....Page 12
  - D. Congestion Management Process Update.....Page 13
  - E. Metropolitan Planning Area Boundary Update .....Page 14
  - F. Future Land Use Map Update .....Page 15
  - G. Transportation Reauthorization Priority Projects Update .....Page 15
  - H. Citizen Transportation Congress.....Page 20
  - I. *Sustainable Communities Regional Planning Grant Update* .....Page 20
- VI. Informational Item**  
 Transportation Management Association Update .....Page 21
- VII. Other Non-Action Items of Interest to the Committee**
- VIII. Next Meeting Date**  
 9:30 a.m., Thursday, June 2, 2011, Des Moines Botanical Center's Willow Room
- IX. Adjournment**

## MEETING MINUTES

### Des Moines Area Metropolitan Planning Organization (MPO) Transportation Technical Committee (TTC) 9:30 a.m., Thursday, April 7, 2011 Des Moines Botanical Center Willow Room

The MPO TTC held a meeting at 9:30 a.m., on April 7, 2011, at the Des Moines Botanical Center Willow Room. Before the meeting, the MPO staff sent agenda packets to the MPO TTC representatives and posted the agenda at the MPO office at 11:23 a.m., on April 1, 2011.

#### Representatives Present:

Vern Willey, City of Altoona  
Paul Moritz, City of Ankeny  
John Peterson, City of Ankeny  
Eric Jensen, City of Ankeny  
Lori Dunham, City of Bondurant  
Jeff Schug, City of Carlisle  
Matt McQuillen City of Clive  
Jim Hagelie, City of Clive  
Murray McConnell, Dallas County  
Michael Ring, City of Des Moines  
Jeb Brewer, City of Des Moines  
Michael Ludwig, City of Des Moines  
Elizabeth Presutti, Des Moines Regional Transit Authority  
Mike Clayton, Iowa Department of Transportation\*  
John Gade, City of Grimes  
Aaron Wolfe, City of Johnston  
Dave Cubit, City of Johnston  
Kris May, City of Mitchellville  
Mike Johnson, City of Norwalk  
Ben Champ, City of Pleasant Hill  
Dennis Dietz, City of Polk City  
Kurt Bailey, Polk County  
Bret VandeLune, Polk County  
Steve Franklin, City of Urbandale  
Dave McKay, City of Urbandale  
John Larson, City of Urbandale  
Mark Lee, Warren County  
Brad Deets, City of Waukee  
Chris Shires, City of West Des Moines  
Jim Dickinson, City of West Des Moines  
Kara Tragesser, City of West Des Moines  
Josh Heggen, City of Windsor Heights

#### Representatives Absent:

John Shaw, City of Altoona  
Anthony Bellizzi, City of Cumming\*\*  
Ken McCoy, Des Moines International Airport  
Chuck Burgin, City of Indianola\*\*  
Doyle Scott, Madison County\*\*  
Tracy Troutner, Federal Highway Administration\*  
Mark Bechtel, Federal Transit Administration\*  
Julia Castillo, Heart of Iowa Regional Transit Agency

\* Non-Voting, Advisory Representative

\*\* Non-Voting, Associate Representative

#### Others Present:

Glenn Lyons, Transportation Management Association  
Joe Spradling HDR Engineering  
Brian Willham, Shive-Hattery

#### Staff Present:

Todd Ashby, Executive Director  
Stephanie Ripperger, Executive Administrator  
Jennifer Zelle, Administrative Assistant  
Adam Noelting, Principal Transportation Planner  
Dylan Mullenix, Senior Transportation Planner  
Luke Parris, Associate Transportation Planner  
Bethany Wilcoxon, Associate Transportation Planner  
Zach Young, Associate Transportation Planner

**I. Call to Order**

MPO TTC Chair Kurt Bailey recognized a quorum and called the April 7, 2011, meeting to order at 9:30 a.m.

**II. Approval of Agenda**

**MOTION:** A motion was made and seconded to approve the MPO TTC's April 7, 2011, meeting agenda.

**MOTION CARRIED UNANIMOUSLY**

**III. Approval of Meeting Minutes**

**MOTION:** A motion was made and seconded to approve the MPO TTC's March 3, 2011, meeting minutes.

**MOTION CARRIED UNANIMOUSLY**

**VI.(A.) Federal Fiscal Years 2011-2014 Transportation Improvement Program Amendment – City of West Des Moines**

**MOTION:** A motion was made and seconded to recommend to the Des Moines Area Metropolitan Planning Organization Executive Committee that the Des Moines Area Metropolitan Planning Organization approve amending the *Federal Fiscal Years 2011-2014 Transportation Improvement Program* to make the following addition:

Add a project in FFY 2011 for a Traffic Adaptive Signal Control System, utilizing Iowa Clean Air Attainment Program (ICAAP) funding of \$353,600

and forward the amendment to the Iowa Department of Transportation for inclusion in the *Statewide Transportation Improvement Program, 2011-2014*

**Motion Carried Unanimously**

**VI.(B.) Polk County Request to Transfer Surface Transportation Program Funds**

**MOTION:** A motion was made and seconded to recommend to the Des Moines Area Metropolitan Planning Organization Executive Committee that the Des Moines Area Metropolitan Planning Organization approve the transfer of Surface Transportation Program funds from the North-South Metro Connector project to the following projects:

- o Federal Fiscal Year 2012 - \$1,673,604 - Beaver Drive;
- o Federal Fiscal Year 2013 - \$668,172 - Beaver Drive; and,

- o Federal Fiscal Year 2013 - \$1,208,224 - Northwest 66th Avenue (Kempton Bridge)

and to reflect the transfer in the *Federal Fiscal Years 2012-2015 Transportation Improvement Program* draft.

(Eric Jensen arrived at 9:33 am)

**Motion Carried Unanimously**

**VI.(C.) Polk County Conservation Board Request to Transfer Surface Transportation Program Transportation Enhancement Funds**

**MOTION:** A motion was made and seconded to recommend to the Des Moines Area Metropolitan Planning Organization Executive Committee that the Des Moines Area Metropolitan Planning Organization approve the transfer of Surface Transportation Program Transportation Enhancement funds from the 4-Mile Creek Greenway Trail project, Neil Smith Trail to Ankeny, to the following project:

Federal Fiscal Year 2012 - \$200,000 – 4-Mile Creek Greenway Trail, Ankeny to Des Moines

and to reflect the transfer in the *Federal Fiscal Years 2012-2015 Transportation Improvement Program* draft.

**Motion Carried Unanimously**

**VI.(D.) Passenger Transportation Plan – Fiscal Year 2012 Update**

**MOTION:** A motion was made and seconded to recommend to the Des Moines Area Metropolitan Planning Organization Executive Committee that the Des Moines Area Metropolitan Planning Organization receive and file the *Passenger Transportation Plan – Fiscal Year 2012 Update*, as presented, and forward the document to the Iowa Department of Transportation and the Federal Transit Administration.

**Motion Carried Unanimously**

**V.(A.) Federal Fiscal Years 2011-2014 Transportation Improvement Program Amendment – City of Ankeny**

**MOTION:** A motion was made and seconded to recommend to the Des Moines Area Metropolitan Planning Organization Executive Committee that the Des Moines Area Metropolitan Planning Organization approve amendments to the *Federal Fiscal Years 2011-2014 Transportation Improvement Program* to make the following changes:

- o Change the project scope of the Gay Wilson Trail Extension (STP-E-0187(624)—8V-77) to “From SE 54th Street south 1 mile then east 0.5 mile to SE Delaware Avenue;”
- o Split the two phases of the Gay Wilson Trail Extension project into two project entries; and,
- o Add the second phase – Gay Wilson Trail Extension (STP-E-0187())—8V-77) – From NE Delaware Avenue to NE 54th Street, utilizing \$141,395 in Federal Fiscal Year 2012 Surface Transportation Program Transportation Enhancement funds

and forward the amendment to the Iowa Department of Transportation for inclusion in the *Statewide Transportation Improvement Program, 2011-2014*.

**Motion Carried Unanimously**

**V.(B.) Fiscal Year 2012 Update Federal Fiscal Years 2012-2015 Transportation Improvement Program Draft**

MPO staff presented; discussion only on item V. (B).

**V.(C.) Federal Fiscal Year 2015 Surface Transportation Program and Surface Transportation Program Transportation Enhancement Recommendation Draft**

MPO staff presented; discussion only on item V. (C).

**V.(D.) Future Land Use Map Update**

MPO staff presented; discussion only on item V. (D).

**V.(E.) Transportation Reauthorization Priority Projects**

MPO staff presented; discussion only on item V. (E).

**V.(F.) Trail Updates**

MPO staff presented; discussion only on item V. (F).

**V.(G.) Sustainable Communities Regional Planning Grant Update**

MPO staff presented; discussion only on item V. (G).

**VI. Transportation Management Association Update**

Glenn Lyons presented; discussion only on item VI.

**VII. Other Non-Action Items of Interest to the Committee**

**VIII. Next Meeting Date**

9:30 a.m., on Thursday, May 5, 2011, Des Moines Botanical Center Willow Room.

**IX. Adjournment**

**MOTION:** A motion was made and seconded to adjourn the MPO TTC's April 7, 2011, meeting.

**MOTION CARRIED UNANIMOUSLY**

Chair Bailey adjourned the meeting at 9:49 a.m.

#### IV. **Federal Fiscal Year 2012 Unified Planning Work Program and Budget Final Draft**

##### **Action Item**

The MPO Executive Director requests that:

“ . . . the Des Moines Area Metropolitan Planning Organization Transportation Technical Committee **recommend to the Des Moines Area Metropolitan Planning Organization Executive Committee that the Des Moines Area Metropolitan Planning Organization approve the *Fiscal Year 2012 Unified Planning Work Program and Budget final draft per the Iowa Department of Transportation’s, Federal Highway Administration’s, and Federal Transit Administration’s* editorial comments, and forward the final document to the Iowa Department of Transportation, as presented.**”

##### **Background Information**

The MPO :

On January 20, 2011, authorized the MPO staff to proceed with drafting the *Fiscal Year 2012 Unified Planning Work Program (FY 2012 UPWP)* and budget utilizing a per capita assessment of \$1.13 to each of the MPO member governments pursuant to a five-year plan designed to achieve and maintain financial viability.

The MPO staff:

- Notes the the FY 2012 UPWP documents all anticipated transportation planning activities performed using federal funds from July 1, 2011, through June 30, 2012;
- Notes the Iowa Department of Transportation (DOT) requires the UPWP to:
  - Describe the MPO’s proposed planning tasks; including, task objective, previous work, project description, and product; and,
  - Document the MPO’s budget and funding sources;
- Submitted, on April 1, 2010, a copy of the FY 2011 UPWP draft to the Iowa DOT, FHWA, and FTA for their review and comment;
- **Included, as a supplemental item, the draft FY 2012 UPWP and budget in the MPO TTC’s March agenda packet;**
- Received the Iowa DOT’s, FHWA’s, and FTA’s comments from their review of the FY 2011 UPWP draft and incorporated these comments into the final document;
- Notes the Iowa DOT’s, FHWA’s, and FTA’s comments were minor and do not affect the proposed planning tasks or budget information included in the draft FY 2012 UPWP and budget included in the March packet; and,
- Has included, immediately following, the revised budget page.

Staff Contact: Dylan Mullenix, [dmullenix@dmampo.org](mailto:dmullenix@dmampo.org);  
(515) 334-0075, extension #202.

## Budget Summary

**Table 6. Fiscal Year 2012 Budget By Agency**

Work Element	Des Moines Area Metropolitan Planning Organization (MPO)											Des Moines Area Regional Transit Agency (DART)			Grand Total
	FHWA PL Funds – Carryover	FTA 5303 Funds - Carryover	FHWA PL Funds - New	FTA 5303 Funds - New	MPO Match Funds	Other Local Funds	CIRTPA Contract	MPO STP Funds	SAFETEA-LU Funds	SCPG Funds	MPO TOTAL	Federal Funds	Local Match Funds	DART TOTAL	
1.0 Long-Range Transportation Planning	\$35,503	\$0	\$163,477	\$27,533	\$56,631	\$5,141	\$0	\$0	\$0	\$0	\$288,285	\$0	\$0	\$0	\$288,285
2.0 Transportation Systems Planning	\$13,934	\$0	\$64,158	\$10,806	\$22,225	\$2,018	\$0	\$0	\$0	\$0	\$113,141	\$0	\$0	\$0	\$113,141
3.0 Public Involvement	\$7,860	\$0	\$36,191	\$6,095	\$12,538	\$1,138	\$0	\$0	\$0	\$0	\$63,822	\$0	\$0	\$0	\$63,822
4.0 Interagency Coordination	\$17,717	\$0	\$81,581	\$13,740	\$28,260	\$2,565	\$0	\$0	\$0	\$0	\$143,863	\$0	\$0	\$0	\$143,863
5.0 Transportation Improvement Program	\$7,806	\$0	\$35,944	\$6,054	\$12,451	\$1,130	\$0	\$0	\$0	\$0	\$63,385	\$0	\$0	\$0	\$63,385
6.0 CIRTPA	\$0	\$0	\$0	\$0	\$0	\$0	\$64,924	\$0	\$0	\$0	\$64,924	\$0	\$0	\$0	\$64,924
7.0 Unified Planning Work Program	\$6,637	\$0	\$30,559	\$5,147	\$10,585	\$961	\$0	\$0	\$0	\$0	\$53,889	\$0	\$0	\$0	\$53,889
8.0 Transit Planning	\$5,463	\$0	\$25,154	\$4,236	\$8,714	\$791	\$0	\$0	\$0	\$0	\$44,358	\$551,600	\$137,900	\$689,500	\$733,858
9.0 Committee Support	\$17,051	\$0	\$78,516	\$13,223	\$27,199	\$2,469	\$0	\$0	\$0	\$0	\$138,458	\$0	\$0	\$0	\$138,458
10.0 Administration	\$15,794	\$0	\$72,725	\$12,248	\$25,192	\$2,287	\$0	\$0	\$0	\$0	\$128,246	\$0	\$0	\$0	\$128,246
11.0 Information Technology	\$0	\$0	\$0	\$0	\$0	\$26,900	\$0	\$0	\$0	\$0	\$26,900	\$0	\$0	\$0	\$26,900
12.0 Travel & Training	\$3,842	\$0	\$17,689	\$2,979	\$6,127	\$14,500	\$0	\$0	\$0	\$0	\$45,137	\$0	\$0	\$0	\$45,137
<b>Subtotal</b>	<b>\$131,607</b>	<b>\$0</b>	<b>\$605,994</b>	<b>\$102,061</b>	<b>\$209,922</b>	<b>\$59,900</b>	<b>\$64,924</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,174,408</b>	<b>\$551,600</b>	<b>\$137,900</b>	<b>\$689,500</b>	<b>\$1,863,908</b>
13.1 Special Project – GDMP/DCA TMA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$95,000	\$0	\$0	\$95,000	\$0	\$0	\$0	\$95,000
13.2 Special Project – CONNECT	\$0	\$0	\$0	\$0	\$6,000	\$0	\$0	\$0	\$24,000	\$0	\$30,000	\$0	\$0	\$0	\$30,000
13.3 Special Project – RPSD	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000	\$800,000	\$0	\$0	\$0	\$800,000
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$95,000</b>	<b>\$24,000</b>	<b>\$800,000</b>	<b>\$925,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$925,000</b>
<b>TOTAL</b>	<b>\$131,607</b>	<b>\$0</b>	<b>\$605,994</b>	<b>\$102,060</b>	<b>\$215,922</b>	<b>\$59,900</b>	<b>\$64,925</b>	<b>\$95,000</b>	<b>\$24,000</b>	<b>\$800,000</b>	<b>\$2,099,408</b>	<b>\$551,600</b>	<b>\$137,900</b>	<b>\$689,500</b>	<b>\$2,788,908</b>



## V.(A). Calendar Year 2012 Meeting Dates

### **Discussion Item**

**\*\*With Option to Take Action\*\***

The MPO Executive Director requests that:

**“ . . . the Des Moines Area Metropolitan Planning Organization Transportation Technical Committee recommend to the Des Moines Area Metropolitan Planning Organization Executive Committee that the Des Moines Area Metropolitan Planning Organization approve the proposed schedule of Calendar Year 2012 meeting dates for the Des Moines Area Metropolitan Planning Organization Transportation Technical Committee, as presented and as attached.”**

### **Background Information**

The MPO staff:

- Annually issues a proposed MPO TTC meeting schedule for the upcoming calendar year;
- Needs to issue its upcoming meeting dates for its committees in order to comply with the State of Iowa’s Open Meetings law;
- Has included, immediately following, the proposed Calendar Year 2012 MPO TTC meeting schedule; and,
- Asks the MPO TTC to advise the MPO staff of any known conflicts with the proposed dates.

Staff Contact: Stephanie Ripperger, [sripperger@dmampo.org](mailto:sripperger@dmampo.org);  
(515) 334-0075, extension #206.

## Calendar Year 2012 meeting Dates

Technical Committee	Executive Committee	Policy Committee
Thursday, January 05, 2012	Wednesday, January 11, 2012	Thursday, January 19, 2012
Thursday, February 02, 2012	Wednesday, February 08, 2012	Thursday, February 16, 2012
Thursday, March 01, 2012	Wednesday, March 21, 2012 **	Wednesday, March 28, 2012 **
Thursday, April 05, 2012	Wednesday, April 11, 2012	Thursday, April 19, 2012
Thursday, May 03, 2012	Wednesday, May 16, 2012	Thursday, May 24, 2012
Thursday, June 07, 2012	Thursday, June 14, 2012 ***	Thursday, June 21, 2012
Thursday, July 12, 2012 ****	Wednesday, July 18, 2012 ****	Thursday, July 26, 2012 ****
Thursday, August 02, 2012	Wednesday, August 08, 2012	Thursday, August 16, 2012
Thursday, September 06, 2012	Wednesday, September 12, 2012	Thursday, September 20, 2012
Thursday, October 04, 2012	Wednesday, October 10, 2012	Thursday, October 18, 2012
Thursday, November 01, 2012	Wednesday, November 07, 2012	Thursday, November 15, 2012
Monday, December 03, 2012	Wednesday, December 12, 2012	Thursday, December 20, 2012

\* Spring Break March 9-16 2012

\*\* 1st Potential D.C Trip May 7-9 2012

\*\*\* 2nd Potential Date for D.C. Trip June 11-13 2012

\*\*\*\* Meetings have been moved one week due to the 4th of July Holiday

## V.(B). Federal Fiscal Years 2012-2015 Surface Transportation Program and Surface Transportation Program Transportation Enhancement Funding Award Adjustments

### **Discussion Item**

The Iowa Department of Transportation:

- On April 19, 2011, notified the MPO of reductions in the funding targets for the Surface Transportation Program (STP) and Surface Transportation Program Transportation Enhancement (STP TE) for Federal Fiscal Years (FFY) 2013-2015;
- Notes that the STP target for FFY 2012 remains \$10,275,306;
- Notes that the STP TE target for FFY 2012 remains \$708,010;
- Notes that the STP targets for FFY 2013-2015 decreased to \$7,865,000 per year;
- Notes that the STP TE targets for FFY 2013-2015 decreased to \$542,000 per year; and,
- Notes that the reduction in funds is in response to insight that future obligations for the STP and STP TE will need to be balanced with Highway Trust Fund revenue.

The MPO STP Funding Subcommittee

- Met on May 3, 2011, to discuss the reductions to the STP and STP TE targets;
- Developed a recommendation for accommodating the reduction in STP and STP TE funds for FFY 2013-2015;
- Initially met on April 5, 2011, to determine a funding recommendation for FFY 2015 STP and STP TE funds;
- Was notified, at that time, that the FFY 2015 STP target was \$10,275,000 and the FFY 2015 STP TE target was \$708,000;
- Recommended allocating the full amount for FFY 2015 STP and STP TE funding to eligible projects;
- Compiled a list of recommended projects and funding amounts for FFY 2015 STP and STP TE funds; and,
- Approved and forwarded the list of recommended project and funding amounts to the MPO Executive Committee.

The MPO staff:

- Worked with the MPO STP Funding Subcommittee to provide information regarding STP and STP TE funds allocated to projects for FFY 2012-2014; and,
- Will provide a summary of the MPO STP Funding Subcommittee's recommendation for accommodating the reduction in STP and STP TE funds for FFY 2013-2015 at the May 5, 2011, MPO Transportation Technical Committee meeting.

Staff Contact: Luke Parris, [lparris@dmampo.org](mailto:lparris@dmampo.org);  
(515) 334-0075, extension #207.

**V.(C). Federal Fiscal Years 2012-2015 Transportation Improvement Program Draft**

**Discussion Item**

The MPO staff:

- Annually develops a four-year Transportation Improvement Program (TIP) by updating the current TIP for the MPO, as required by the Iowa Department of Transportation (DOT);
- Notes the purpose of the TIP is to list all projects in the MPO Planning Area for which Federal funding is proposed to be used and that are scheduled to begin within a designated time frame of the four federal fiscal years;
- Asked the MPO member governments and participating agencies to review and report any project changes, new projects, or “roll-over” projects programmed in Federal Fiscal Year (FFY) 2011, 2012, 2013, and/or 2014 to the MPO;
- Reviewed all the MPO member governments’ and participating agencies’ responses and incorporated those responses into the FFY 2012-2015 TIP draft;
- **Requests that each MPO member government and participating agency review the FFY 2012-2015 TIP draft to ensure that project information is correct and to notify staff of any changes by Friday, May 19, 2011;**
- **Notes that projects receiving FFY 2013-2014 Surface Transportation Program (STP) and Surface Transportation Program Transportation Enhancement (STP TE) may need to be updated due to reduced STP and STP TE targets received from the Iowa DOT;**
- Will include Iowa DOT projects in the draft once projects are available;
- **Will hold a public meeting to receive input on the FFY 2012-2015 TIP draft;**
- Will submit the FFY 2012-2015 TIP draft to the Iowa DOT and Federal Highway Administration (FHWA) on June 15, 2010, for review and comment;
- Will incorporate any revisions suggested by the Iowa DOT and FHWA once comments are available;
- Notes the final FFY 2012-2015 TIP is due to the Iowa DOT by July 15, 2010; and,
- **Will provide the FFY 2012-2015 TIP draft at the May 5, 2011 meeting.**

Staff Contact: Luke Parris, [lparris@dmampo.org](mailto:lparris@dmampo.org);  
(515) 334-0075, extension #207.

## V.(D). Congestion Management Process Update

### Discussion Item

The MPO staff:

- Is in the process of updating the *Congestion Management Process* (CMP);
- Notes the CMP is a federally required document for all MPO's designated as Transportation Management Associations (MPO's exceeding 200,000 persons);
- Notes Federal Highway and Federal Transit Authority created the *Guidebook on the Congestion Management Process in Metropolitan Transportation Planning*, which identifies a number of characteristics commonly found in CMP documents, including:
  - Links to operations objectives, driven by the goals expressed in the Metropolitan Transportation Plan;
  - Defines systematic methods to monitor and evaluate system performance;
  - Focuses on management and operations (M&O), demand management, land use, and new capacity as ways to manage congestion;
  - Uses performance measures to identify, evaluate, and monitor congestion and congestion management strategies;
  - Defines a program of data collection and management, preferably incorporating existing data sources (including archived Intelligent Transportation System data if available), and coordinated with system operations managers throughout the metropolitan area;
  - Details technical capabilities for evaluating the effectiveness of demand management and operational strategies;
  - Defines implementation schedules of timetables for delivery of M&O strategies, including assignment of resources and responsibilities;
  - Defines procedures for periodic review of the effectiveness of strategies selected for implementation, as well as assessments of the usefulness of performance measures and supporting data; and,
  - Considers congestion, its causes, and possible remedies in a holistic way, encompassing a broad range of multimodal transportation and non-transportation elements.
- Met with the MPO TTC's Engineering Subcommittee in March, and anticipates also working with the MPO's Traffic Management Advisory Committee and other MPO roundtables and subcommittees, to review and update the CMP;
- Anticipates using several ongoing studies, surveys, and datasets to determine the degree of congestion in the MPO's Metropolitan Planning Area (MPA), and to monitor the performance of congestion management strategies, including, but not limited to, the following; and,
- Will provide further updates that the May 5, 2011 meeting.

Staff Contact: Dylan Mullenix, [dmullenix@dmampo.org](mailto:dmullenix@dmampo.org);  
(515) 334-0075, extension #202.

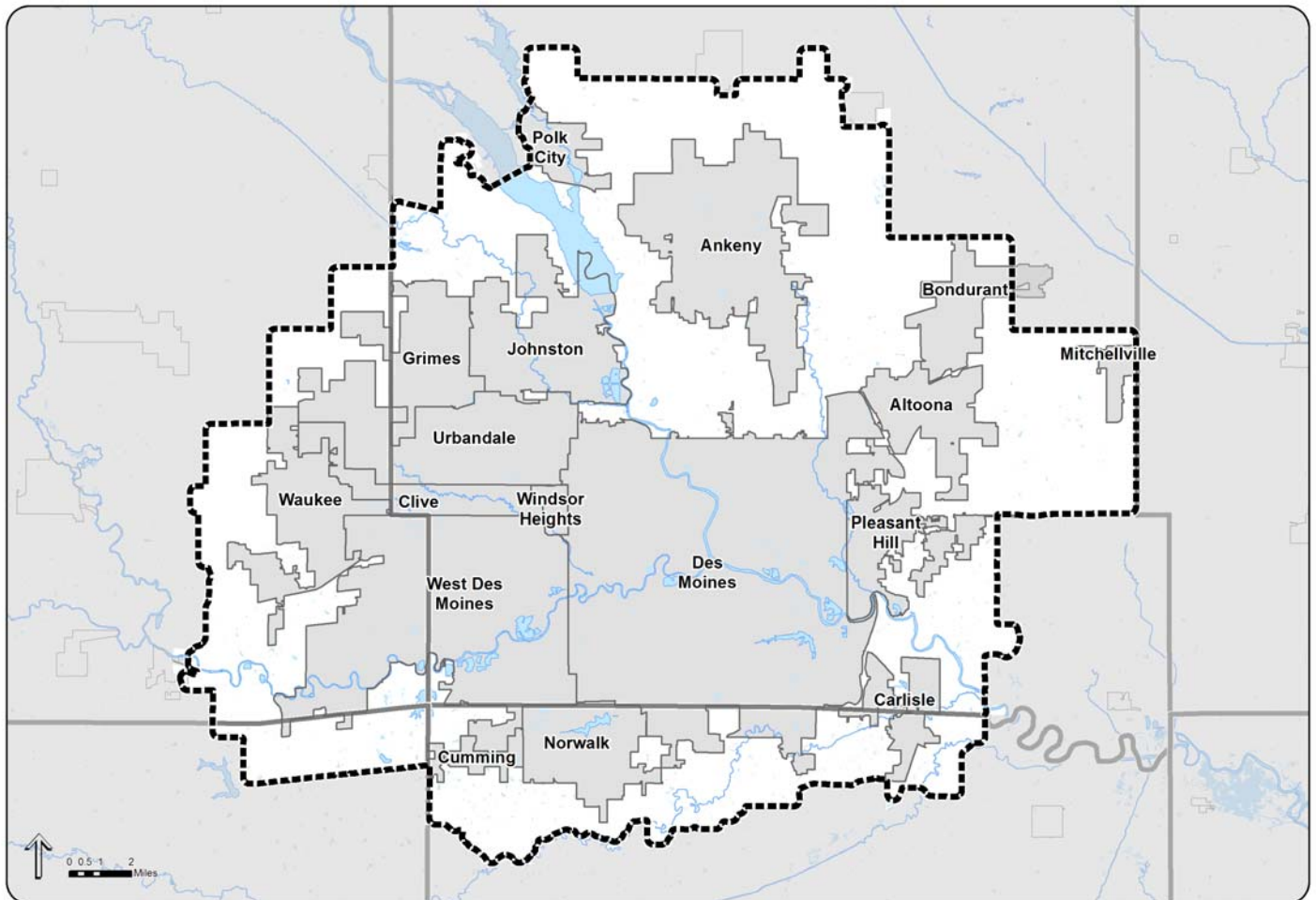
## V.(E). Metropolitan Planning Area Boundary Update

### Discussion Item

The MPO staff:

- Received notification from the City of Bondurant that a portion of the city's existing corporate limits extend beyond the MPO's approved Metropolitan Planning Area (MPA);
- Notes the MPA is required to include the area anticipated to be urbanized within a 20-year horizon;
- Updated the MPA boundary during the development of the *Horizon Year 2035 Metropolitan Transportation Plan*;
- Has included, immediately below, a map of the current MPA; and,
- Will work with the MPO TTC's Planning Subcommittee to identify the need for any additional adjustments to the MPA boundary.

Staff Contact: Dylan Mullenix, [dmullenix@dmampo.org](mailto:dmullenix@dmampo.org);  
(515) 334-0075, extension #202.



## Metropolitan Planning Area (MPA)

## V.(F). Future Land Use Map Update

### Discussion Item

The MPO staff:

- Compiles member governments' future land use components of their respective comprehensive planning documents to develop a generalized future land use map;
- Notes the last map was created during the development of the *Horizon Year 2035 Metropolitan Transportation Plan*;
- Notes the generalized future land use map will be a building block for the regional plan for sustainable development;
- Asked that member governments submit, by Friday, April 22, 2011, Geographic Information Systems (GIS) files representing their community's future land use map, if available, or provide a digital/paper copy of their respective map; and,
- **Did not receive responses from all member governments, and asks member governments to please provide the requested information by Friday, May 13, 2011.**

Staff Contact: Bethany Wilcoxon, [bwilcoxon@dmampo.org](mailto:bwilcoxon@dmampo.org);  
(515) 334-0075, extension #203.

## V.(G). Transportation Reauthorization Priority Projects Update

### Discussion Item

The MPO staff:

- Notes the MPO identified priority projects for a potential reauthorization bill in April 2009;
- Notes Congress has yet to draft a transportation reauthorization bill;
- Asked MPO member governments to review the project list developed in April 2009 and provide any additions, revisions, or deletions to the MPO staff by April 27, 2011;
- Notes this revised listing is for MPO use only and is not due to a request by Congress; and,
- **Has included, immediately following, the updated reauthorization listing for review.**

Staff Contact: Dylan Mullenix, [dmullenix@dmampo.org](mailto:dmullenix@dmampo.org);  
(515) 334-0075, extension #202.

**Des Moines Area Metropolitan Planning Organization  
Federal Funding Requests for Surface Transportation Authorization Legislation**

**Surface Transportation Projects**

<b>Government/Agency</b>	<b>Project Submitted</b>	<b>Project Description</b>	<b>Total Project Cost</b>	<b>Federal Request</b>
Altoona	<b>Adventurland Drive to 34th Avenue NW Widening</b>	Reconstruct and widen Adventurland Drive to 34th Avenue NW.	\$4,600,000	\$3,680,000
Altoona	<b>36th Avenue SW and 8th Street SW Intersection Improvements</b>	Modifications and lane widening at the intersection of 36th Avenue SW and 8th Street SW.	\$2,500,000	\$2,000,000
Altoona	<b>34th Avenue SW Widening</b>	Widen 34th Avenue SW from 2 to 3 lanes from 8th Street SW to Interstate 80.	\$3,200,000	\$2,560,000
Ankeny	<b>Northeast 36th Street Widening, US Hwy 69 to Interstate 35</b>	Widen Northeast 36th Street to four lanes between US Highway 69 and Interstate 35, including Otter Creek bridge widening	\$9,500,000	\$5,000,000
Ankeny	<b>Corporate Woods Drive Railroad Overpass</b>	Construction of a 4-lane Overpass on SE Corporate Woods Drive, to span the existing Union Pacific Railroad mainline tracks.	\$6,600,000	\$3,000,000
Ankeny	<b>Northeast 18th Street / Interstate 35 Overpass Construction</b>	Extension of Northeast 18th Street over Interstate 35.	\$6,000,000	\$4,800,000
Carlisle	<b>Southeast 64th Avenue / Southeast 52nd Street Intersection Improvements</b>	Improvements at the intersection of Southeast 64th Avenue (Army Post Road) and Southeast 52nd Street, including turn lanes and associated drainage.	\$800,000	\$640,000
Des Moines	<b>Replacement of Locust Street Bridge over the Des Moines River</b>	Reconstruct the Locust Street Bridge over the Des Moines river due to its deteriorated condition and to reduce the impacts on river levels during flood conditions.	\$10,000,000	\$8,000,000
Des Moines	<b>Rehabilitation of Grand Avenue Bridge over the Des Moines River</b>	Rehabilitate the Grand Avenue Bridge over the Des Moines river to include arch repair PCC overlay of deck, repair of rails, sidewalks, expansion joists, and approach slabs.	\$5,000,000	\$4,000,000
Des Moines	<b>Southeast Connector, US Highway 65 to US Highway 69</b>	Development of a four lane arterial roadway between US Highway 65 and US Highway 69 (includes design, right-of-way acquisition, and construction between US 69 and Southeast 30th Street, and design and right-of-way acquisition between Southeast 30th Street and US 65).	\$65,000,000	\$40,000,000
Grimes	<b>Northwest 54th Avenue Widening (Iowa 141 to 100th Street)</b>	Widen Northwest 54th Avenue to a five lane roadway between Iowa 141 and 100th Street.	\$5,000,000	\$4,000,000



**Des Moines Area Metropolitan Planning Organization  
Federal Funding Requests for Surface Transportation Authorization Legislation**

**Surface Transportation Projects (cont).**

<b>Government/Agency</b>	<b>Project Submitted</b>	<b>Project Description</b>	<b>Total Project Cost</b>	<b>Federal Request</b>
Grimes	<b>Northwest 54th Avenue Widening (Beisser Drive to South James Street)</b>	Widen Northwest 54th Avenue to a five lane roadway between Beisser Drive and South James Street.	\$2,500,000	\$2,000,000
Grimes	<b>North James Street Widening (Northeast 3rd Street to Northwest 82nd Avenue)</b>	Widen North James Street to a three lane roadway between Northeast 3rd Street and Northwest 82nd Avenue.	\$4,500,000	\$3,600,000
Grimes	<b>Southeast 19th Street Widening (Iowa 141 to East City Limits)</b>	Widen Southeast 19th Street to a five lane roadway between Iowa 141 and Grimes' east city limits.	\$2,500,000	\$2,000,000
Grimes	<b>South James Street Widening (Southeast 2nd Street to Southeast 10th Street)</b>	Widen South James Street to a three lane roadway between Southeast 2nd Street and Southeast 10th Street.	\$2,500,000	\$2,000,000
Johnston	<b>Northwest 70th Avenue Widening (Northwest 86th Street to Northwest 107th Street)</b>	Widen Northwest 70th Avenue to a four lane roadway between Northwest 86th Street and Northwest 107th Street.	\$12,200,000	\$8,000,000
Mitchellville	<b>Develop Access Road to Mitchellville Business Park</b>	Construct an access road between Cotton Avenue Northeast and Camp Creek to serve the Mitchellville Business Park.	\$400,000	\$320,000
Polk County/Johnston	<b>Northwest 66th Avenue Roadway and Kempton Bridge Replacement</b>	Widen Northwest 66th Avenue from Northwest 26th Street to Northwest Beaver Drive, and replace the existing two lane bridge over the Des Moines River with a four lane bridge with multipurpose trail.	\$23,920,000	\$11,650,000
Urbandale	<b>100th Street Reconstruction and Bridge Over Interstate 35/80</b>	Widen 100th Street to a four lane roadway between Plum Drive and Northwest 54th Avenue, and reconstruct the existing overpass to accommodate a future interstate interchange.	\$16,000,000	\$12,800,000
Urbandale	<b>121st Street Improvements</b>	Widen 121st Street to a five lane roadway between Douglas Parkway and Meredith Drive.	\$3,500,000	\$2,800,000
Urbandale	<b>128th Street Widening</b>	Widen 128th Street to a four lane roadway between Hickman Road and Douglas Parkway.	\$3,000,000	\$2,400,000

**Des Moines Area Metropolitan Planning Organization  
Federal Funding Requests for Surface Transportation Authorization Legislation**

**Surface Transportation Projects (cont.)**

<b>Government/Agency</b>	<b>Project Submitted</b>	<b>Project Description</b>	<b>Total Project Cost</b>	<b>Federal Request</b>
Urbandale	<b>Western Arterial Between Highway 141 and 128th Street</b>	Construction of a five lane roadway that will connect into the north ramp of the Highway 141 and Interstate 35/80 interchange and extend west to 128th Street. Includes modifying the interchange's north ramp.	\$15,000,000	\$12,000,000
Waukee	<b>Alice's Road Extension (Ashworth Road to University Avenue)</b>	Construct a six lane arterial boulevard between Ashworth Road and University Avenue.	\$14,500,000	\$11,600,000
Waukee/West Des Moines	<b>Interchange at Interstate 80 and Alice's Road/105th Street</b>	Construct an interchange on Interstate 80 at Alice's Road/105th Street.	\$15,200,000	\$12,160,000
West Des Moines	<b>105th Street Extension (Grand Avenue to County Road G-14)</b>	Construct 105th Street between Grand Avenue and County Road G-14, including a bridge over the Raccoon River.	\$36,000,000	\$28,800,000
West Des Moines	<b>105th Street Extension (Grand Avenue to Wendover Road)</b>	Construct 105th Street between Grand Avenue and Wendover Road.	\$19,500,000	\$15,600,000
West Des Moines	<b>Grand Avenue Construction (Raccoon River Regional Park to South 50th Street)</b>	Construct Grand Avenue to a four lane roadway between Raccoon River Regional Park and South 50th Street.	\$6,000,000	\$3,000,000
West Des Moines	<b>Grand Avenue West (Jordan Creek Parkway to 105th Street)</b>	Construct a two lane roadway between Jordan Creek Parkway and 105th Street.	\$20,000,000	\$16,000,000
West Des Moines	<b>South 60th Street (Mills Civic Parkway to Grand Avenue)</b>	Construct three lanes of an ultimate five-lane roadway between Mills Civic Parkway and Grand Avenue	\$8,500,000	\$6,800,000

<b>TOTAL (All Surface Transportation Projects)</b>			<b>\$323,920,000</b>	<b>\$231,210,000</b>
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**Des Moines Area Metropolitan Planning Organization  
Federal Funding Requests for Surface Transportation Authorization Legislation**

**Trail Projects**

<b>Government/Agency</b>	<b>Project Submitted</b>	<b>Project Description</b>	<b>Total Project Cost</b>	<b>Federal Request</b>
Ankeny	<b>Highway 415 Tri-Trail Pedestrian Overpass</b>	Construct overpass of Highway 415 to connect the Neal Smith Connector Trail and the Gay Lea Wilson Trail to the High Trestle Trail	\$1,500,000	\$1,000,000
Carlisle	<b>Highway 5 Pedestrian Overpass at South Garfield Street</b>	Construct a pedestrian overpass over Highway 5 at South Garfield Street.	\$1,000,000	\$800,000
Carlisle	<b>Scotch Ridge Road / Highway 5 Pedestrian Improvements</b>	Construct a pedestrian crossing to access a new middle school.	\$200,000	\$160,000
Urbandale	<b>Bob Layton Trail Connection</b>	Construct a 10-foot wide concrete trail between Douglas Parkway and Meredith Drive through the Walnut Creek Regional Park.	\$800,000	\$520,000
West Des Moines	<b>Trail Bridge over the Raccoon River</b>	Construct a multipurpose trail and bridge connecting the Raccoon River Regional Park with Walnut Woods State Park and Hidden Valley Soccer Complex.	\$4,500,000	\$3,600,000
<b>TOTAL (All Trail Projects)</b>			<b>\$8,000,000</b>	<b>\$6,080,000</b>

**Transit Projects**

<b>Government/Agency</b>	<b>Project Submitted</b>	<b>Project Description</b>	<b>Total Project Cost</b>	<b>Federal Request</b>
Des Moines Area Regional Transit Authority	<b>Smart Card Reader System</b>	Install a Smart Card Reader system to read employee ID's for the major businesses in Greater Des Moines	\$625,000	\$500,000
Des Moines Area Regional Transit Authority	<b>New Customer Facilities on University Avenue Bus Rapid Transit Corridor</b>	Construct and install passenger stations/shelters and schedule information at planned Bus Rapid Transit (BRT) stops on University Avenue in Des Moines, Windsor Heights, West Des Moines, & Clive.	\$1,250,000	\$1,000,000
Des Moines Area Regional Transit Authority	<b>Expansion Buses</b>	Purchase eight 40-foot buses for new services.	\$3,000,000	\$2,400,000
Des Moines Area Regional Transit Authority	<b>Western Suburbs Park and Ride Facility</b>	Plan, design, acquire land and construct a permanent park and ride facility located in the western suburbs of Des Moines.	\$1,250,000	\$1,000,000
<b>TOTAL (All Transit Projects)</b>			<b>\$6,125,000</b>	<b>\$4,900,000</b>

<b>TOTAL (All Transportation Projects)</b>			<b>\$338,045,000</b>	<b>\$242,190,000</b>
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## V.(H). Citizen Transportation Congress

### **Discussion Item**

The MPO staff:

- Will host the Citizen Transportation Congress (Congress) on Tuesday, May 10, 2011;
- Will host meetings at 12:00 p.m. and at 6:00 p.m. at the Des Moines Central Library, 1000 Grand Avenue, to allow more participation in the Congress;
- Will help interested citizens further their understanding of transportation planning in the Des Moines metropolitan area at the Congress;
- Will provide status reports on major projects and also will discuss recent projects and initiatives;
- Hosts the Congress semi-annually in an effort to educate the public about the role the MPO plays in the Des Moines metropolitan area and to gather comments from the public regarding general transportation issues; and,
- Will provide a summary of the Congress at the June 2011 MPO TTC meeting.

Staff Contact: Bethany Wilcoxon, [bwilcoxon@dmampo.org](mailto:bwilcoxon@dmampo.org);  
(515) 334-0075, extension #202.

## V.(I). Sustainable Communities Regional Planning Grant Update

### **Discussion Item**

The MPO staff:

- Submitted the project workplan to the U.S. Department of Housing and Urban Development (HUD) in April;
- Signed a contract with Wallace Roberts & Todd (WRT) for consulting services;
- Notes that WRT officially kicked off its work on May 1, 2011;
- Currently is engaged with the WRT team in preparing for Phase 1 activities, including:
  - A project initiation meeting;
  - The design of the public participation process;
  - The first regional outreach series; and,
  - Data collection
- Notes that WRT will conduct a site visit on May 23, 2011, and on May 24, 2011;
- Reminds meeting attendees that the Steering Committee will meet on Thursday, May 5, 2011, at 4:00 p.m.; and,
- Will provide further updates at the May 5, 2011, meeting.

Staff Contact: Bethany Wilcoxon, [bwilcoxon@dmampo.org](mailto:bwilcoxon@dmampo.org);  
(515) 334-0075, extension #202.

## VI. Transportation Management Association Update

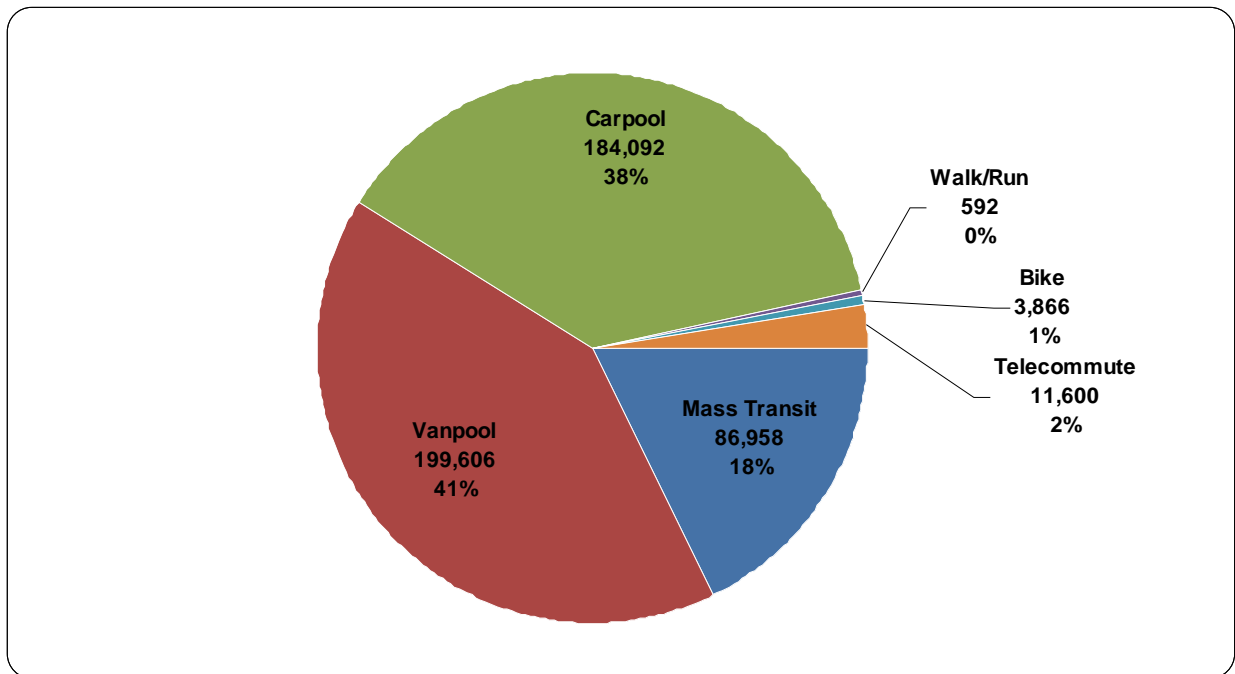
### Informational Item

The following table and figures summarize the performance of the TMA's Rest Your Car program through March 2011.

**TABLE 1 Rest Your Car Program Performance through March 2011**

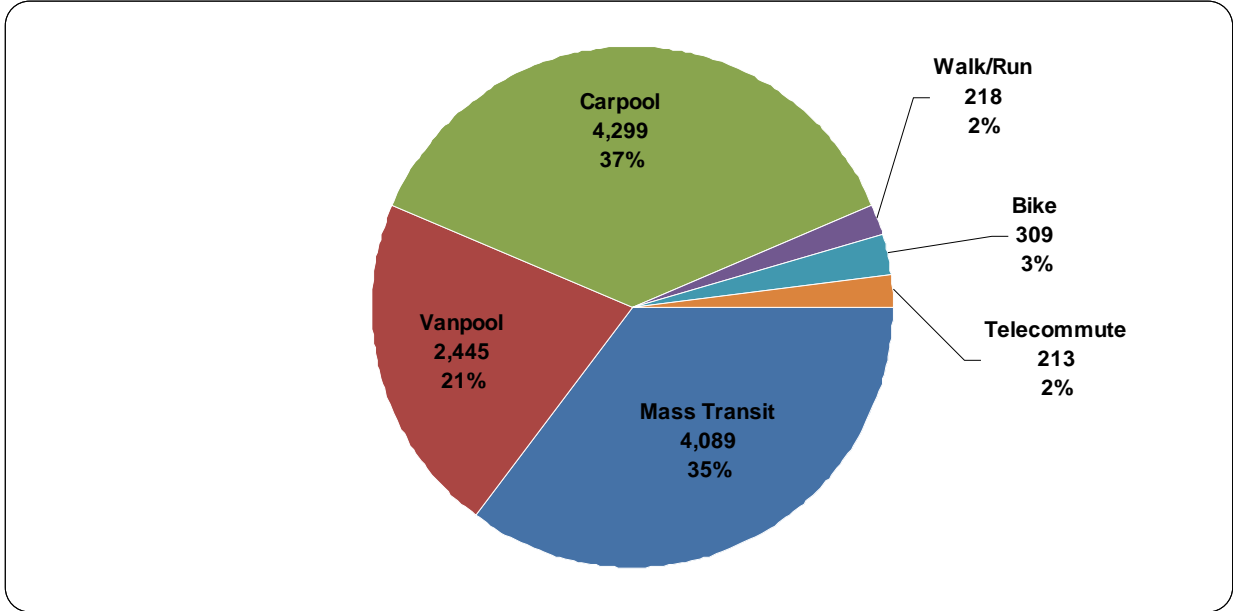
	January 2011	February 2011	March 2011	April 2011	May 2011	Calendar Year to Date
Total Miles Reported	443,366	426,986	486,714	0	0	870,352
Total Reports Made	10,576	9,989	11,573	0	0	20,565
Total Persons Reporting	1,012	1,031	1,041	0	0	2,043
Average Miles/Report	41.9	42.7	42.1	0	0	42.3
New Members	35	30	63	0	0	65

Source: Transportation Management Association, 2011.



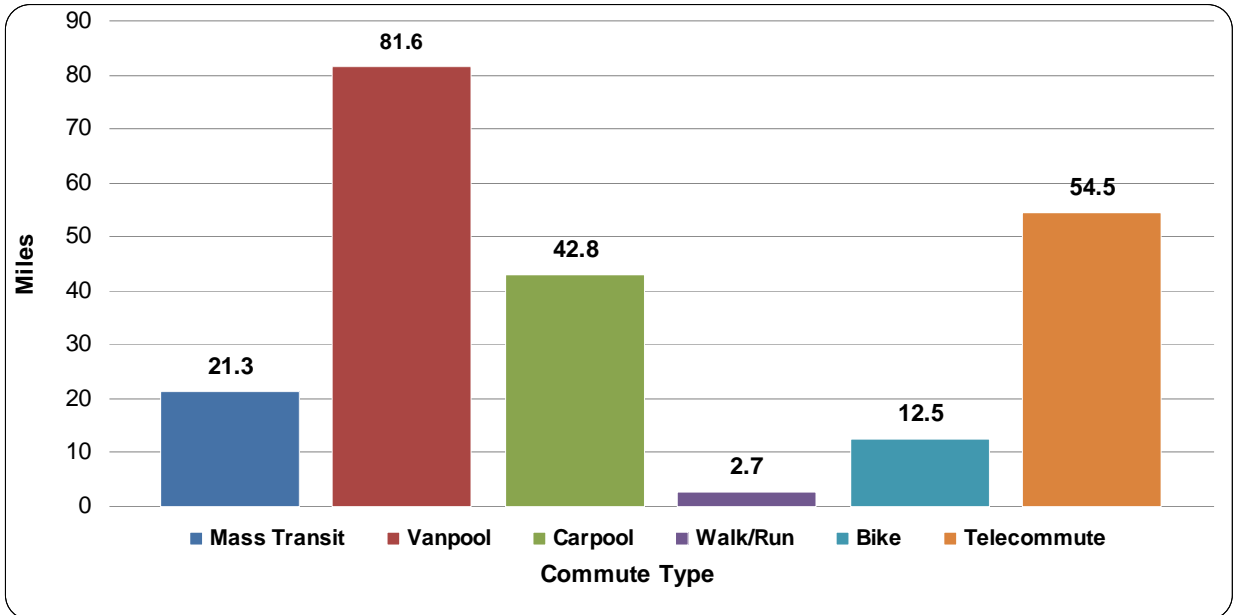
**FIGURE 1 Rest Your Car Miles Reported by Commute Type, March 2011**

Source: Transportation Management Association, 2011.



**FIGURE 2 Rest Your Car Reports by Commute Type, March 2011**

Source: Transportation Management Association, 2011.



**FIGURE 3 Average Round Trip Commute Distance by Commute Type, March 2011**

Source: Transportation Management Association, 2011.

If anyone has questions, please contact the TMA by telephone at (515) 286-4969. To learn more about Drive Time Des Moines, go to the TMA website at [www.drivetimesdesmoines.org](http://www.drivetimesdesmoines.org).