



# Expanded Truck Parking Facilities

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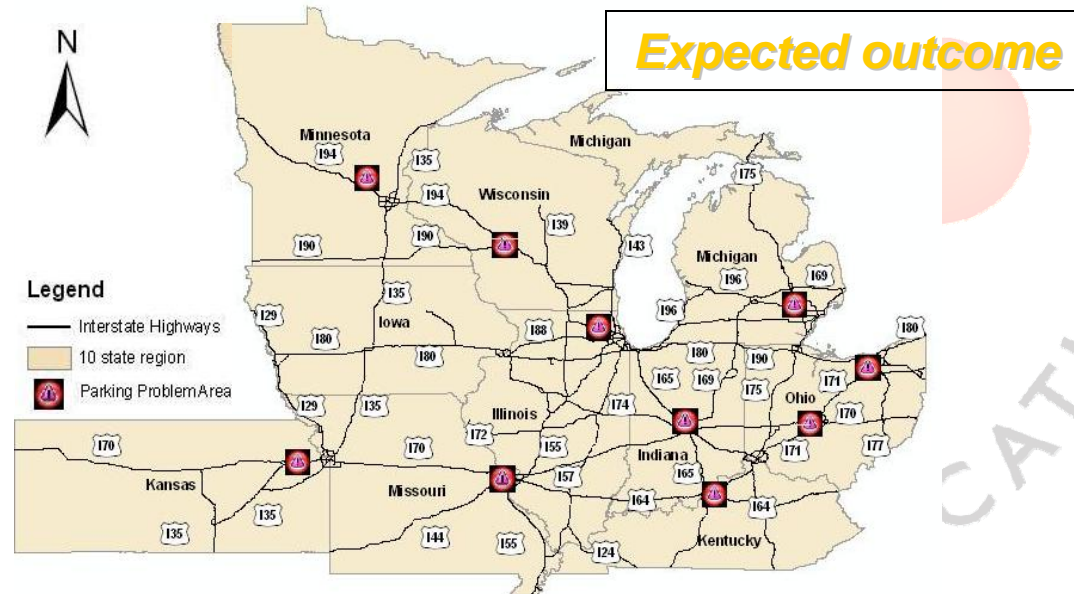


# Background

- ❖ Approved by MVFC Executive Committee on July 10, 2007.
- ❖ Total Funding: \$70,000.
- ❖ Advisory Board: 20 Members
- ❖ Scope: Major Freight Corridors on the Interstate Highways.
- ❖ Goal: Adequacy of Truck Parking Facilities within Region and Recommendations

# Objectives

- ❖ Identify Locations where Truck Parking is Most Needed



- ❖ Make Recommendations on Low Cost Strategies

# Tasks

Task/Month	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Literature review of parking management	█	█	█												
Inventory designated parking facilities along MVFC freight corridors		█	█	█	█										
Develop an interactive GIS tool to determine ramp parking			█	█	█	█									
Survey of highway patrol on ramp parking							█	█	█						
Interview carriers to determine issues at certain locations									█	█	█				
Identify low cost strategies								█	█	█	█				
Re-fine ranking and evaluate strategies										█	█	█			
Overview of IT technologies for truck parking space utilization.		█	█	█	█	█	█	█	█	█	█	█			
Final report including recommendations												█	█	█	█

# Interactive Survey Tool

- ❖ Internet Based GIS Tool
- ❖ Using Powerful Google Map Functionalities
- ❖ Convenient for Geo Survey and Studies to Collect Geo-information





# Prototype Interface of the Survey Tool

Survey Map - Windows Internet Explorer provided by Computer - Aided Engineering  
http://mvfcpaveen.cae.wisc.edu/survey\_map.html

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**Locations Added by Users**

**Questionnaire**

**Marking Tool**

**Search Tool**

AnswerSpace  
4. Question  
AnswerSpace  
5. Question  
AnswerSpace  
6. Question  
AnswerSpace  
7. Question  
AnswerSpace  
8. Question  
AnswerSpace  
9. Question  
AnswerSpace  
10. Question  
AnswerSpace

Submit

**Step 1: Search Location**  
Street Address:   
City:  ZIP:  State:   
Exit: 15 Hwy: I-290  
Hwy1:  Hwy2:   
Reset Search

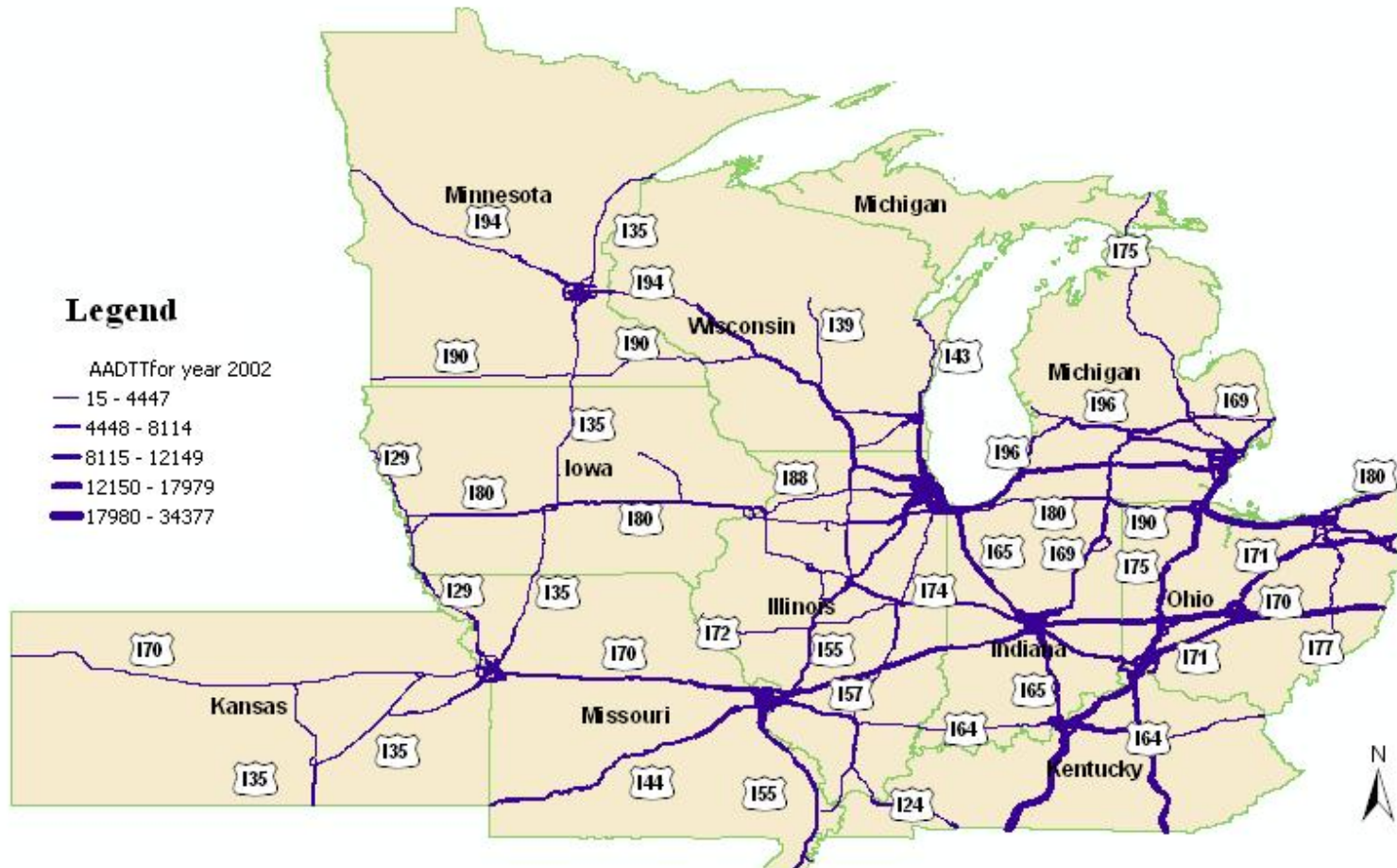
**Step 2: Mark Location**  
Add Location  
Delete Last  
Clear Map Save

**Step 3: Answer Questions**  
We have created a short questionnaire to collect information about problems with the locations you are adding. To answer questions, please click below.  
Questionnaire

**Step 4: Next Location/Finish**  
If you have other locations in mind, click next and repeat through Step1 - Step 3. otherwise click finish to end the survey.  
Next Location Finish

Map data ©2008 Tele Atlas

# Freight Corridors Network



# Immediate Next Steps

- ❁ Identify the Corridors Network to Focus on
- ❁ Inventory Truck Parking Spaces along These Corridors
- ❁ Finalize the Survey Tool
  - Develop a Metric of Information to Collect
- ❁ Select Survey Participants to Identify Trouble Spots for Truck Parking