

**Minutes of Meeting  
SATS POLICY COMMITTEE  
February 10, 2011**

**ATTENDANCE**

**Policy Committee Voting Members**

<input checked="" type="checkbox"/>	Chairman Brian McFadden	Sangamon County
<input checked="" type="checkbox"/>	Vice-Chairman Tom Gray	Village of Chatham
<input checked="" type="checkbox"/>	Steven Dove	City of Springfield
<input checked="" type="checkbox"/>	Linda Tisdale	Springfield Mass Transit District
<input checked="" type="checkbox"/>	Larry Hamlin*	Springfield-Sangamon County Regional Planning Commission
<input checked="" type="checkbox"/>	Roger Driskell**	Illinois Department of Transportation: Region 4, District 6

\* Represented by Norm Sims

\*\* Represented by Sal Madonia

**Policy Committee Non-Voting Members**

<input checked="" type="checkbox"/>	Thomas Caldwell	IDOT: Urban Program Planning
<input checked="" type="checkbox"/>	JD Stevenson	Federal Highway Administration: Illinois Division Office
<input type="checkbox"/>		Federal Transit Administration

**Others**

Chris Benson – Regional Planning Commission  
Kim Cummins – IDOT Local Roads  
Jeff Fulgenzi – Regional Planning Commission  
Curtis Jones – IDOT Metropolitan Planning Manager  
Steve Keenan – Regional Planning Commission  
Kyle Phillips – Regional Planning Commission  
Dale Schultz – Regional Planning Commission  
Betsy Tracy – FHWA  
Linda Wheeland – Regional Planning Commission  
Mike Williamsen – Village of Chatham

**I. CALL TO ORDER**

Chairman Brian McFadden called the meeting of the SATS Policy Committee to order.

**II. APPROVAL OF MINUTES**

McFadden asked if there were any additions or corrections to the minutes of the January 13, 2010 SATS Policy Committee meeting. There were none. Norm Sims made a motion to approve the minutes. Sal Madonia seconded the motion and the vote was unanimous.

**III. TECHNICAL COMMITTEE REPORT**

Linda Wheeland reported that the Transportation Improvement Program (2012-2015) for next year is being formulated. The Bicycle/Pedestrian Way Plan Steering Committee has met and the vision statement, goals and objectives of the plan are being worked on. The Public Participation Plan is being updated and the 2012 Unified Planning Work Program is being prepared.

**IV. TIP CHANGES**

**A. 2011– 2014 Transportation Improvement Program**

**I. TIP Amendment #8**

Mike Williamsen introduced TIP Amendment #6 to the SATS Technical Committee members.

**WHEREAS**, the Village of Chatham intends to conduct preliminary engineering for a multi-use trail along the north side of Plummer Blvd connecting the Interurban Bike Trail to the new elementary school in Chatham and to Glenwood High School. This 2,500 ft. section of trail will utilize a previously installed 13' diameter culvert carrying the trail under the Union Pacific RR and the Interurban Bike Trail. The Village will use local and Illinois Transportation Enhancement Program funds; and

**WHEREAS**, the Village requests that the FY-2011 Annual Element of the FY/2011-2014 TIP be amended by adding the project listed below; and

**Project Description and Funding:**

Project/ Jurisdiction/ Class		Location		Action/Comments	Funding Source		Total Cost
A8	Plummer Blvd Trail	<b>Termini:</b>	Ravinia Drive to the west entrance to Glenwood High School	PE I and PE II			
	Chatham	<b>Contract#</b>			Chatham	10,600	
	Multi-use trail / Collector	<b>TIP#</b>	01-2011-01		ITEP	42,400	
							<b>\$53,000</b>

**WHEREAS**, the funding used for this project will not affect any other project in the TIP.

Norm Sims made a motion to adopt the eighth amendment to the FY 2011-2014 Transportation Improvement Program. Linda Tisdale seconded the motion and the vote to approve was unanimous.

**II. TIP Amendment #9**

Norm Sims introduced TIP Amendment #9 to the SATS Technical Committee members.

**WHEREAS**, the City of Springfield will utilize Illinois Transportation Enhancement Program funds and HPP funds to reconstruct Capitol Avenue, 11<sup>th</sup> to Martin Luther King Jr. Drive, the 3<sup>rd</sup> phase of the beautification of Capitol Avenue; and

**WHEREAS**, the City requests that the FY-2011 Annual Element of the FY/2011-2014 TIP be amended by adding the project listed below; and

**Project Description and Funding:**

Project/ Jurisdiction/ Class		Location		Action/Comments	Funding Source		Total Cost
A9	Capitol Avenue (FAU 7982)	Termini:	11th Street to Martin Luther King Jr. Drive	Reconstruction (Streetscape & Artistic Elements), C & CE			
	Springfield	Contract#			ITEP	2,000,000	
	Collector	TIP#	02-2011-06		HPP	529,000	
							<b>\$2,529,000</b>

**WHEREAS**, the funding used for this project will not affect any other project in the TIP.

Norm Sims made a motion to adopt the ninth amendment to the FY 2011-2014 Transportation Improvement Program. Tom Gray seconded the motion and the vote to approve was unanimous.

**III. TIP Amendment #10**

Norm Sims introduced TIP Amendment #10 to the SATS Technical Committee members.

**WHEREAS**, the City of Springfield will utilize Illinois Transportation Enhancement Program funds to perform maintenance repairs on the Vachel Lindsay Bridge (Structure # 084-9916) over Lake Springfield; and

**WHEREAS**, the City requests that the FY-2011 Annual Element of the FY/2011-2014 TIP be amended by adding the project listed below; and

**Project Description and Funding:**

Project/ Jurisdiction/ Class		Location		Action/Comments	Funding Source		Total Cost
A10	Vachel Lindsay Bridge; Structure # 084-9916	Termini:	Over Lake Springfield on Long Bay Drive	C & CE Maintenance Repairs			
	Springfield	Contract#			Springfield	581,806	
	Collector	TIP#	02-2011-07		ITEP	1,200,425	
							<b>\$1,782,231</b>

**WHEREAS**, the funding used for this project will not affect any other project in the TIP.

Linda Tisdale made a motion to adopt the tenth amendment to the FY 2011-2014 Transportation Improvement Program. Sal Madonia seconded the motion and the vote to approve was unanimous.

**V. TECHNICAL ADVISOR UPDATES**

**A. Illinois Dept. of Transportation: Central Bureau of Urban Program Planning**

Thomas Caldwell introduced himself as the new representative of the IDOT Urban Programming and Planning office replacing Curtis Jones.

**B. Federal Highway Administration: Illinois Division Office**

**i. Air Quality Conformity – Betsy Tracy**

Betsy Tracy gave a presentation on air quality conformity which is attached to these minutes. Concerns were raised regarding the air quality level within the MPA and the potential new standards of ozone levels which may classify the MPA as a non-attainment area by the EPA. McFadden suggested that staff begin exploring the creation of forming an Air Quality Committee.

## **VI. AGENCY UPDATES**

### **A. Springfield-Sangamon County Regional Planning Commission**

Sims reported that IDOT is working on a crash analysis program for local roads. Staff has asked the Illinois MPO Advisory Council to add crash analysis to its next agenda. IDOT has indicated that they will begin to conduct analysis for local roads starting next year.

Sims also stated that the Illinois Housing Development Authority has been working in a Statewide taskforce to address sustainable communities, which encompasses transportation, housing, economic and environment. Their work has more or less concluded and recommendations will be made to the Governor.

A Planning Commission intern, Neha Agarwal, has taken on a Transit Oriented Development project. She is looking at the development potential in connection with a Multi-Modal facility in Springfield. Once completed, her work will be presented to the SATS members.

### **B. Springfield Mass Transit District**

No report was given.

### **C. City of Springfield**

No report was given.

### **D. Sangamon County**

No report was given.

### **E. Illinois Department of Transportation: Region 4, District 6**

No report was given.

### **F. Village of Chatham**

No report was given.

## **VII. PUBLIC COMMENTS**

There were no public comments.

## **VIII. UNFINISHED BUSINESS**

There was no unfinished business.

**IX. NEW BUSINESS**

**A. Next Meeting Date – Thursday, March 10, 2010 at 12:00 PM**

**X. ADJOURNMENT**

There being no further business, the meeting was adjourned.

Respectfully Submitted,

Kyle Phillips  
Recording Secretary

# Regional Air Quality Springfield Area

February 10, 2011

# USEPA – Lower Ozone Standards

- January 10, 2010, USEPA proposed stricter national ozone standards
- Clean Air Science Advisory Committee recommendations
- Several delays – current timeline July 2011
- USEPA would designate non-attainment areas
- Attainment dates would be established

# Formation of Ozone

- Ozone is created from Hydrocarbons and Nitrogen Oxides exposed to UV Sunlight
- Top months for Ozone – July and August
- Human health issues include lung and respiratory problems

# Why does Ozone form in Summer?

- Meteorology has a great deal to do with whether Ozone will form
- Combination of hot stagnant weather, sun and lack of wind can lead to high Ozone readings
- Ozone tends to *transport* across the country following the winds
- There are *background* Ozone levels which are being monitored all the time

# Who Monitors Ozone Levels?

- The Illinois Environmental Protection Agency has air quality monitors which monitor several air pollutants all the time
- Local Ozone monitor is located on North Dirksen Parkway
- There are about 200 air quality monitors statewide

# Air Quality Index (AQI)

- The United States Environmental Protection Agency (USEPA) developed the Air Quality Index (AQI)
- The AQI is a national standard for reporting air pollution levels to the general public
- The AQI is set up in ranges in parts per million(ppm)
- The scale reflects Good, Moderate, Unhealthy for Sensitive Groups and Unhealthy air quality

# Ozone Non-Attainment Levels

- The current Ozone level that must be attained is **.075ppm**. (parts per million) over an 8 hour period
- New Ozone levels could range from **.060** to **.070ppm**.
- Ozone readings are an average that is taken over a rolling three year period
  
- Springfield's current 3 year average for 2008-2010 = **.063 ppm**
- Readings for 2011 will be added and 2008 will drop off

# Illinois Background Ozone Levels

- Background Ozone levels throughout Illinois is close to .060 ppm.
- All air quality monitors throughout the State of Illinois would be non-attainment at .060 ppm.

# What are others doing?

- Other areas of the state are becoming proactive before a finding of Ozone non-attainment
- Air Quality Task Force's created elsewhere
- **Quad Cities** and **Peoria** MPO's –
- Task force of composed of MPO members, Chamber interests, large business, government and health care advocates
- Activities include work plan of initiatives
- Public outreach and education

# What can be done locally?

- Carpooling
- Taking transit
- Reducing Vehicle Miles Traveled (VMT)
- Trip Chaining (combining trips)
- Biking and Walking
- Air Pollution Action Days can be forecasted
- Public Education and Outreach – to change behaviors when the Ozone levels are forecasted to be high

# What's the Good News?

- Good things to reduce Ozone nationally include
  - Tightened standards for all vehicle engines
  - Lower polluting diesel fuels
  - Retrofits on legacy (older) diesel trucks
  - More requirements placed on industry

# What would happen with new standards?

- Controls would likely be placed on industrial sources first
- Everything would be on the table for Illinois EPA to consider in the **State Implementation Plan**
- Largest sources of air pollution include
  - Point (Industry)
  - Mobile (Mostly on-road vehicles)
  - Non-Point (Household products, etc. not covered above)

# What is the Role of SATS?

- Critical issue for this group is the Transportation **Mobile Source Sector**
  - A motor vehicle budget would be developed by IEPA
  - Goals to reduce ozone levels over time

It is important that the MPO and its members become involved and provide input into the budget levels and strategies

# Transportation Conformity

- If the area is in Ozone non-attainment, Transportation Conformity would be required
- Most projects going into the Transportation Improvement Program (TIP) would need to “conform”
  - Meaning that the project would not add to the air quality problem or delay the attainment dates
  - Requires modeling using an approved USEPA model called MOVES to develop emission factors and how much pollution is produced per mile of travel

# How long does all this take?

- All of this can take a long time to implement, perhaps 2 or more years
- It is important to be aware of the potential impacts to the Springfield area and the requirements

# Parting Message

- The message today is to provide awareness
- You may want to consider forming a local Air Quality Task Force or Steering Committee
- Keep up with what is happening at the National level