

**Minutes of Meeting**  
**SATS TECHNICAL COMMITTEE**  
**November 5, 2015**

**ATTENDANCE**

## Technical Committee Voting Members

<input checked="" type="checkbox"/>	Tim Zahrn, Chair	Sangamon County
<input type="checkbox"/>	Patrick McCarthy, Vice Chair	Village of Chatham
<input checked="" type="checkbox"/>	Nathan Bottom	City of Springfield
<input checked="" type="checkbox"/>	Shoun Reese	Springfield Mass Transit District
<input checked="" type="checkbox"/>	Norm Sims	Springfield-Sangamon County Regional Planning Commission
<input checked="" type="checkbox"/>	Jeff Myers*	Illinois Dept. of Transportation (IDOT): Region 4, District 6

\* Represented by Wes Clark

## Technical Committee Advisors – 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 checked="" type="checkbox"/>	Sue Graham**	IDOT: District 6: Local Roads & Streets
<input type="checkbox"/>	Mike Stead	Illinois Commerce Commission
<input type="checkbox"/>	Mark Hanna	Springfield Airport Authority
<input checked="" type="checkbox"/>	Francesco Bedini-Jacobini	IDOT: Division of Public & Intermodal Transportation

\* Represented by Betsy Tracy

\*\* Represented by Russ Militello

**Others**

Elliott McKinley – Springfield Park District  
 Stan Hansen – Crawford, Murphy, and Tilly  
 Dale Lael – Village of Jerome  
 Bill Davison – Knight Engineering  
 Kim Cummins – Cummins Engineering Corporation  
 Jim Moll – Hanson Engineers  
 Brian Davis – Sangamon County Highway Department  
 Linda Wheeland – Regional Planning Commission  
 Jason Sass – Regional Planning Commission  
 Neha Soni – Regional Planning Commission  
 Brian Sheehan – Regional Planning Commission  
 Joe Zeibert – Regional Planning Commission

**I. CALL TO ORDER**

Chair Tim Zahrn called the meeting of the SATS Technical Committee to order at 8:30 AM.

**II. APPROVAL OF MEETING MINUTES: October 1, 2015**

Chairman Zahrn asked if there were any additions or corrections to the minutes of the October 1, 2015 Technical Committee meeting.

Shoun Reese made a motion to approve the minutes as submitted. Norm Sims seconded the motion. The vote to approve was unanimous.

**III. 2040 Long Range Transportation Plan (LRTP)**

Linda Wheeland told the Committee that there was no business related to the Long Range Transportation Plan.

**IV. 2016-2019 Transportation Improvement Program****A. ST-U Projects Update****I. Stanford Avenue (TIP # 02-2010-09)****i. 11th to Fox Bridge**

Mr. Bottom told the committee that this project is in the design and land acquisition phase and the City was looking toward a June, 2016 letting.

**ii. Fox Bridge to Taylor**

Mr. Bottom told the Committee that the City of Springfield was looking toward a January, 2016 letting for this project. The City is still in the process of reaching an agreement with the Canadian National Railway. If an agreement cannot be reached shortly, the City may have to push the letting back to March, 2016.

**II. Archer Elevator Road/Iles Avenue (TIP # 02-2013-03)**

Mr. Bottom told the Committee that the City was in the process of land acquisition and finishing design.

**III. Bradfordton Road (TIP # 03-2009-01)**

Mr. Zahn reported that Sangamon County is progressing with this project. A consultant has finished work on the Product Development Report and the report will be re-submitted to IDOT in the near future.

**IV. Woodside Road (TIP # 03-2009-05)**

Mr. Zahn told the Committee that Sangamon County will host an open house, November 17, 2015. The open house will be from 4-6 PM at the Cherry Hills Baptist Church and that the public are welcome. The preliminary designs, pavement designs, and hydraulic report have been approved. A wetland impact evaluation was submitted. The Project Development Report has been prepared and it will be submitted to IDOT after public comment.

**B. Amendment 1 - Traffic Regulatory Signs Joint Project**

Linda Wheeland introduced Amendment #1:

**RESOLUTION TO RECOMMEND APPROVAL OF  
THE FIRST AMENDMENT TO THE  
FY/2016-2019 TRANSPORTATION IMPROVEMENT PROGRAM**

**WHEREAS**, the Springfield Area Transportation Study (SATS), in cooperation with the Illinois Department of Transportation, has a comprehensive, cooperative, and continuing (3C) planning process for transportation planning in compliance with Federal regulations for the urbanized area; and

**WHEREAS**, the Springfield Area Transportation Study approved the Transportation Improvement Program (TIP) for FY/2016-2019 on September 10, 2015; and

**WHEREAS**, several communities in the Metropolitan Planning Area desire to upgrade traffic regulatory signs to meet federal retroreflectivity standards which will improve roadway safety by enhancing sign visibility both day and night; and

**WHEREAS**, the Village of Sherman, as lead agency for a joint project with the communities of Curran, Grandview, Jerome, Leland Grove, Riverton, Rochester, Southern View, and Spaulding, has obtained a Highway Safety Improvement Program grant for the replacement of existing traffic regulatory signs in these nine communities; and

**WHEREAS**, the Village of Sherman requests that the following project be added to the FY 2016 Annual Element of the FY 2016-2019 TIP; and

**Project Description and Funding:**

Project/ Jurisdiction/ Class		Location		Action/Comments	Funding Source		Total Cost
<b>A1</b>	Traffic Regulatory Signs	<b>Termini:</b>	Throughout nine communities	Replacement of traffic regulatory signs and posts to meet federal retroreflectivity standards	HSIP	307,064	
	Sherman	<b>Contract#</b>			Curran	346	
	Various	<b>TIP#</b>	05-2013-01		Grandview	3,625	
				Jerome	3,508		
				Leland Grove	6,702		
				Riverton	5,825		
				Rochester	3,351		
				Sherman	5,140		
				Southern View	4,739		
				Spaulding	887		
					<b>\$341,187</b>		

Norm Sims made a motion to recommend approval of the amendment to the Policy Committee, as presented. Shoun Reese seconded the motion. The vote to approve was unanimous.

**C. Amendment 2 – Woodside Road High Speed Rail Project**

Linda Wheeland introduced Amendment #2:

**RESOLUTION TO RECOMMEND APPROVAL OF  
THE SECOND AMENDMENT TO THE  
FY/2016-2019 TRANSPORTATION IMPROVEMENT PROGRAM**

**WHEREAS**, the Springfield Area Transportation Study (SATS), in cooperation with the Illinois Department of Transportation, has a comprehensive, cooperative, and continuing (3C) planning process for transportation planning in compliance with Federal regulations for the urbanized area; and

**WHEREAS**, the Springfield Area Transportation Study approved the Transportation Improvement Program (TIP) for FY/2016-2019 on September 10, 2015; and

**WHEREAS**, an essential element of the high speed rail project between Chicago and St. Louis is improved safety at rail crossings; and

**WHEREAS**, the Woodside Road rail crossing requires the redesign of traffic signals at the intersection of Iron Bridge Road to interconnect with the rail crossing signals; and

**WHEREAS**, the Illinois Department of Transportation, Division of Public and Intermodal Transportation requests that the following project be added to the FY 2016 Annual Element of the FY 2016-2019 TIP; and

**Project Description and Funding:**

Project/Jurisdiction/Class		Description	Action/Comments	Funding Source		Total Cost
A2	Woodside Road	<b>Termini:</b> at Iron Bridge Road	Traffic signal interconnect with Union Pacific Railroad crossing signals	FRA	99,965	<b>\$105,226</b>
	IDOT - DPIT	<b>Contract#</b>		State	5,261	
	Minor Arterial	<b>TIP#</b> 21-2016-01				

Norm Sims made a motion to recommend approval of the amendment to the Policy Committee. Wes Clark seconded the motion. The vote to approve was unanimous.

## V. TECHNICAL ADVISOR UPDATES

### A. Illinois Dept. of Transportation (IDOT): Central Bureau of Urban Program Planning

Mr. Caldwell told the Committee that IDOT has reached an agreement with FHWA that allows Federal funding for PL projects to be temporarily distributed directly to MPOs. Temporary agreements between FHWA, IDOT, and the MPOs are being prepared and will be sent out in the near future.

Ms. Wheeland asked Mr. Caldwell for an update on the status of FTA funding for the SATS planning area. Mr. Caldwell was unsure of that status. Ms. Tracy was unsure if the FTA portion of SATS funding would be recoverable at the time of the meeting, due to the budget impasse. Ms. Wheeland said that SSCRPC received an email from FTA asking what impacts the funding difficulties had on the MPO. Mr. Sims asked if the State of Illinois' funding share was in limbo, similar to the MPO's situation. Ms. Tracy said that the payments to MPOs were not "lost" but would not be a direct payment from FTA to the MPO. Mr. Sims asked if that meant funding would be delayed until a budget was reached by the State. Ms. Tracy said that was correct unless FTA implemented a different funding mechanism or if FTA allowed funds to be transferred to the MPO through FHWA. Mr. Sims mentioned that there was talk of allowing FTA funds to be distributed to MPOs through transit districts. Ms. Tracy and Mr. Caldwell acknowledged that it was once considered, but no action has been taken to allow it.

### B. Federal Highway Administration: IL Division Office

No report was given.

### C. IDOT District 6: Local Roads and Streets (LRS)

Mr. Militello told the Committee that IDOT will be submitting amendments to the Transportation Improvement Program (TIP), regarding high-speed rail projects. DPIT will be the lead agency on the projects.

### D. Illinois Commerce Commission (ICC)

No report was given.

### E. Springfield Airport Authority

No report was given.

### F. IDOT: Division of Public and Intermodal Transportation (DPIT)

Mr. Bedini told the Committee that the Governor's Office, IDOT, Sangamon County, and the City of Springfield reached an agreement to complete railway improvements on 3<sup>rd</sup> Street that will support the eventual movement of rail traffic to the 10<sup>th</sup> Street Corridor. That part of the agreement providing State funding for two underpasses along the 10<sup>th</sup> Street corridor was contingent upon a Federal TIGER grant, which was not awarded. The parties are working together to revise the agreement and find alternative funding sources. The result of the agreement would reduce the scope of 3<sup>rd</sup> Street improvements.

Mr. Bedini told the Committee that the St. Louis to Chicago rail corridor was shut down between October 16<sup>th</sup> and 31<sup>st</sup>. Work included bridge work at three locations in the SATS planning area. IDOT is discussing the Springfield flyover with Hanson Engineers.

## VI. AGENCY UPDATES

### A. **Springfield-Sangamon County Regional Planning Commission (SSCRPC)**

Norm Sims thanked FHWA and IDOT for their work in overcoming obstacles and reaching an agreement to distribute Metropolitan Planning (PL) funds to the MPOs. He also mentioned that there is a stakeholder meeting for the Springfield Rail Improvement project on Tuesday, November 10, 2015. The stakeholder group consists of residents, businesses, and other members of the community who will be impacted by the 10<sup>th</sup> Street Corridor improvements. Mr. Sims also noted that the railroad bridge at 9<sup>th</sup> Street and Dodge Street was improved and that the removal of the center pier on the bridge will greatly improve safety along the 9<sup>th</sup> Street/Peoria Road corridor.

Joe Zeibert demonstrated an application that maps and displays features along the Route 66 Bike Trail in Sangamon County. SSCRPC staff created the map while video footage that shows users what one would see along the route was provided by the Sangamon County GIS Manager. The application has proven to be popular, receiving over 200 visits in its first 24 hours.

### B. **Springfield Mass Transit District (SMTD)**

Shoun Reese told the Committee that SMTD had been working on the new SMTD parcel, located at 110 S. 9<sup>th</sup> Street. SMTD had originally planned for a January or February 2016 letting for building demolition at the site, but an issue with underground storage tanks will move the project timeline later into 2016.

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

Mr. Bottom announced updates to the following projects:

#### **11<sup>th</sup> Street Extension (TIP # 02-2009-03)**

The City is planning for a March or April 2016 letting for this project. At the time of the meeting, the City was finishing the parcel acquisition phase.

#### **Washington Street:**

The City completed approximately \$500,000 of patching on W. Washington Street.

#### **Patching and Sealing Streets:**

The city finished its overlay program for approximately 40 miles of city streets for the season. Approximately 30 miles of sealing was completed.

#### **Carpenter Street Underpass (TIP # 02-2014-09):**

Construction is progressing with excavation work under the bridge. The City is covering and cleaning up the archaeological site near the railroad tracks. The site should be finished by December, 2015.

### D. **Sangamon County**

Tim Zahn announced that the County had earlier submitted an application for a TIGER grant to fund the Iron Bridge Road/Woodside Road project to extend Macarthur Boulevard south. The application was declined. The County will proceed with the first phase of the project, the Iron Bridge Road overpass. That project is in the land acquisition phase. The County is looking toward a winter 2016 to spring 2017 letting.

Mr. Zahrn said that the County is looking at all funding sources for future projects and that funding has been hard to find, as fuel taxes have not been forwarded to the County by the State of Illinois. Despite the funding challenges, the County has all the material it anticipates it needs for winter road maintenance and snow removal.

Mr. Sims asked Mr. Zahrn if progress on the Sangamon Valley trail was affected by the State budget impasse. Mr. Zahrn said that the project was progressing and engineering was in progress. The County is planning on a winter 2015 to spring 2016 letting for the project.

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

Wes Clark reported on the following projects:

##### **Interstate 55 at Illinois State Route 29 (TIP # 04-2012-09):**

IDOT is working toward a January 15, 2016 letting.

##### **IL 97: IL 125 to Koke Mill Rd. (TIP # 04-2016-02):**

IDOT is working toward an April 22, 2016 letting.

##### **Dirksen: Clear Lake Avenue to Ridge (TIP # 04-2012-09):**

Bituminous paving from Elm to Ridge Avenue is underway. Storm sewer installation is ongoing from Elm to Clear Lake.

##### **Wabash: Koke Mill to Curran (TIP # 04-2011-07):**

Bituminous widening from Curran to Green Nissan is nearing completion. Binder buildups and superelevation corrections are underway. Bunker Hill connection is complete and functional. The removal and replacement of islands is ongoing from Meadowbrook to the East. Storm sewer work continues from Archer Elevator Road to the East.

##### **I-72: Chatham Road to New Berlin (TIP # 04-2015-01):**

Project is complete.

##### **IL-54 from Bissell Rd. to Camp Butler Rd. (TIP #04-2015-08)**

The project is waiting for installation of electrical service for lighting. Road work is complete.

##### **Sam's Place/Dirksen Pkwy Signal Replacement (TIP # 04-2015-04):**

The project is currently on hold, waiting for mast arms and other equipment to arrive.

##### **Wabash Ave at Robbins Rd and Wabash Ave at W. White Oaks Dr. (TIP #04-2015-06):**

The project is currently on hold, waiting for equipment to arrive.

##### **I-72, East of Overpass Rd to East of Dawson (TIP # 04-2015-03):**

Project is complete.

##### **SB I-55 at the Sherman Interchange (TIP # 04-2012-08):**

Project is complete.

##### **Business Interstate 55 – 5<sup>th</sup>, 6<sup>th</sup>, and 9<sup>th</sup> Streets (state funded only):**

Project is complete

##### **IL-29/ J. David Jones Pkwy to North Grand Ave. (state funded only):**

The project is on hold, waiting for equipment

**Ridge Ave. from Daniel St. to Dirksen Pkwy (state funded only):**

Project is complete.

Mr. Clark told the Committee that IDOT: Region 4, District 6 held its public outreach meeting for the Multi-Year transportation program on October 14. Approximately 20 people attended the meeting. IDOT is still receiving comments from the public for the multi-year cycle until November 16, 2015. The link for comments can be found at: <http://www.idot.illinois.gov/about-idot/stay-connected/events/multi-year-plan-outreach-meetings>

**F. Village of Chatham**

No report was given.

**VII. Committee Updates**

Ms. Wheeland noted that a new item had been added to the agenda for updates from the newly formed committees and any special subcommittees.

**A. Communities Committee**

Ms. Wheeland reported that the Communities Committee met on October 28. Mayor Trevor Clatfelter of Sherman volunteered to chair the committee. The Committee will meet quarterly, on the nights of the Regional Leadership Council meetings. The first meeting was productive, with SSCRPC distributing maps of Road Functional Classification to each community's representative. The distribution of information from SATS is one of the purposes of the Committee. The Communities Committee requested that a representative from IDOT, Local Roads and Streets speak to the communities about transportation project funding programs at their next meeting.

**B. Multi-Use Trails Jurisdictions Committee**

Mr. Elliot McKinley, Chairman of the Multi-Use Trails Jurisdictions Committee, reported the following:

The Committee first met in September, 2015. Ten topics of discussion were established in the 2040 Long Range Transportation Plan. The Committee meets on the third Wednesday of each month at the Springfield Park District offices.

The Committee looked at three topics of discussion. The first was advertisements on trails. The committee discussed allowing advertisements on trail signs in order to fund maintenance projects along the trails. The Committee is reviewing federal regulations in order to form a policy.

The Committee discussed 911 access on trails. It is a safety concern that the Committee wants to enhance labeling at access points and signage so there is a consistent 911 addressing system on all the trails in the SATS planning area so emergency services can reach people who need assistance on the trails.

The third topic discussed by the Committee was trail access and amenities. The Committee noted that there were many points on trails in the area where ad hoc access points had been created by trail users. The Committee would like to formalize these access points so that users can more safely access and use trail amenities. The Committee also discussed mapping access points and amenities to increase public awareness of the trail system and let visitors safely use the trails with less trouble.

## C. Project Prioritization Subcommittee

### i. Approval of [Meeting Minutes: September 18, 2015](#)

Nathan Bottom made a motion to approve the minutes as submitted. Shoun Reese seconded the motion. The vote to approve was unanimous.

### ii. Project Prioritization Application Update

Ms. Wheeland told the Committee that an updated application that was drafted at the Project Prioritization Subcommittee meeting was sent out. She asked the Technical Committee if there were any issues with the application. The purpose of the updated application was to incorporate the Long Range Transportation Plan performance measures and to make the project evaluation process more objective. Mr. Sims told the Committee that he believed that the Subcommittee meeting was one of the most substantive meetings he has attended and thanked the Subcommittee for their efforts.

Mr. Zahrn asked committee members if they had any issues with the application. Ms. Wheeland mentioned that the Subcommittee had wanted to include the State Five Percent Report in the first section of the application. Mr. Brian Sheehan had spent a lot of time analyzing the report and organizing the data into a useful format. The report uses a KABC weighted crash rate based on the type of roadway, ADT, and the number and severity of crashes for intersection ranking. There were 111 intersections on the Five Percent list. She noted that the current scoring system held less-traveled rural roads with a fatal crash more dangerous than intersections with higher travel and more accidents. She wasn't sure how useful the raw data from IDOT would be when used in project evaluation for the application. Mr. Sims noted that Mr. Sheehan had to reverse engineer the data because the formulae used by IDOT were not available.

Ms. Wheeland told the Committee that Mr. Sheehan took the formula used to create the SATS Intersection Safety List to calculate a score for each project on the Five Percent List. The SATS calculations reached separate conclusions and ranked dangerous intersections differently. She reminded the Committee that the IDOT Five Percent List ranked local roads only; not State or Federal roads. Mr. Sims said that the SATS calculations show more validity. Ms. Reese asked if the SATS score formula was available for review. Ms. Wheeland told her that the formula weighted each fatal crash as 25 points, incapacitating injury crash 10 points, and serious injury crash 1 point.

Mr. Zahrn noted that the new scoring system weighs the quantity of crashes over the severity of crashes. He suggested that the scores be more blended to take severity into greater account when calculating accident scores. Mr. Clark noted that the formulae only account for volume and severity of accidents and not daily traffic counts.

Mr. Zahrn asked the committee for comment. Ms. Tracy said that she didn't have access to earlier project scoring information, but wanted to know how projects previously selected for ST-U funding would score, using the proposed updated application. She asked if projects were ranked by SSCRPC staff or by individuals on the Committee. Ms. Wheeland told Ms. Tracy that each voting member of the Technical Committee scores each project and the Committee uses the average of the scores. Ms. Tracy said that using the Five Percent Report could be problematic because it is constantly changing and the scoring criteria will change as a result. Mr. Sims said that the Federal requirement for safety performance measures was to use a five-year rolling average of fatalities and incapacitating injuries and that is what was built into the SATS long Range Transportation Plan performance measures. Mr. Militello asked if the application was used only for selecting projects for ST-U funding and if once a project is in the TIP, can it be removed because of changes to scoring criteria. Ms. Wheeland said that the projects would not be removed from the TIP, once selected. Mr. Sims

said that if SSCRPC staff dynamically rescored based on always-current data in the Five Percent Report, it would be a major project every year. Mr. Zahrn asked if there was a better report that could be used. Ms. Wheeland said that SATS had created an intersection safety list, but it was out of date. Mr. Bottom asked if the intersection safety list could be updated and used in conjunction with the Five Percent Report. Mr. Militello said that if he recalls correctly, functional classification and average daily traffic were factored into the Five Percent Report. Mr. Sims acknowledged that as true, but without the formulae, SATS is unable to determine how much weight each factor gets in determining road safety and that the data does not come in an easily useable format. Mr. Zahrn said that the Committee should use the data and formulae that have already been developed and if there is a problem, changes should be made.

Ms. Wheeland said that the entire intersection list from the Five Percent Report could be used for the application and asked the Committee if they would like to use the Five Percent Report rankings on road segments. Mr. Zahrn said that if the segments were already listed, they can be used for the application. Mr. Sims said that he supports moving forward with the data in place, but had misgivings about using data that is unclear in how it was derived. Ms. Wheeland said that there were still quite a few errors in the Five Percent Report data.

Ms. Tracy asked what timeline the Committee had for implementation of the new application. Ms. Wheeland said that projects have been placed in the TIP using anticipated STU funding through FY2019 and that unless there were additional Federal funds available, projects submitted for FY2020 funding would use the new application.

Mr. Sims said that the application uses the Five Percent Report and the Intersection Safety List as a Yes/Know criterion for scoring, and does not consider its relative position on the report. Ms. Cummins noted that other agencies use a benefit/cost ratio in HSIP applications. She said that communities that apply for funding know what intersections and segments need improvements, and that they have done some initial engineering and cost analysis. She asked if the benefit/cost ratio could be used to rank projects. Mr. Sims said that cost/benefit analysis would disadvantage smaller communities. Ms. Cummins said that the analysis could be simplified. Communities that have had analysis done can use that cost compared to cost of accidents. Mr. Zahrn said that Sangamon County already uses cost/benefit analysis on its HSIP applications. Mr. Davis added that a cost/benefit analysis tool was available on the IDOT website. He noted that the Five Percent Report used insurance data to calculate average costs for specific types of accidents and that the average data can be significantly different from actual costs that are used in cost/benefit analysis.

Mr. Zahrn asked the Committee if they wanted to reconvene the Subcommittee and what further work needed to be done. Ms. Wheeland said that there was enough time for SSCRPC to update the Intersection Safety List with more recent data. Ms. Tracy said that SATS should evaluate the most recent round of ST-U projects to see if they would score significantly differently with the new application. Ms. Wheeland said that the safety criteria were in use for the last application process and that factored into projects' scoring. Mr. Zahrn said that SSCRPC staff should update the Intersection Safety List and present its findings at the next Technical Committee meeting.

## **VIII. PUBLIC COMMENTS**

There were no public comments.

## **IX. UNFINISHED BUSINESS**

There was no unfinished business

**X. NEW BUSINESS**

**A. Next Meeting Date – Thursday, December 3, 2015 at 8:30 AM**

**XI. ADJOURNMENT**

There being no further business, Chairman Zahrn called to adjourn. Norm Sims made a motion to adjourn. Nathan Bottom seconded the motion. The vote to adjourn was unanimous.

There being no further business, the regular meeting was adjourned at 9:22 AM.

Respectfully Submitted,

Jason Sass  
Recording Secretary