

**Minutes of Meeting**  
**SATS TECHNICAL COMMITTEE**  
**January 3, 2019**

**ATTENDANCE**

## Technical Committee Voting Members

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

\* Represented by Arlin Williams

\*\* Represented by Wes Clark

## Technical Committee Advisors – Non-Voting Members

<input type="checkbox"/>	Curtis Jones	IDOT: Urban Program Planning
<input checked="" type="checkbox"/>	JD Stevenson*	Federal Highway Administration: Illinois Division Office
<input checked="" type="checkbox"/>	Ron Rybolt	IDOT: District 6, Local Roads & Streets
<input checked="" type="checkbox"/>	Mike Stead	Illinois Commerce Commission
<input type="checkbox"/>	Mark Hanna	Springfield Airport Authority
<input type="checkbox"/>		IDOT: Office of Intermodal Project Implementation

\* Represented by James Kyte

**Others**

Bill Davison – Knight E/A

Stan Hansen – Crawford, Murphy &amp; Tilly

Shannan Karrick – Regional Planning Commission

Neha Soni – Regional Planning Commission

Jason Sass – Regional Planning Commission

Brian Sheehan – Regional Planning Commission

**I. CALL TO ORDER**

Chair Patrick McCarthy called the meeting of the SATS Technical Committee to order at 8:32 AM.

**II. APPROVAL OF MEETING MINUTES: November 1, 2018**

Mr. McCarthy asked if there were any additions or corrections to the minutes of the November 1, 2018 Technical Committee meeting. Molly Berns made a motion to approve the minutes as submitted. Shoun Reese seconded the motion. The vote to approve was unanimous.

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

- A. Amendment 2: Bridge Deck Sealing**  
Neha Soni introduced Amendment 2:



**RESOLUTION TO RECOMMEND APPROVAL OF  
AMENDMENT THIRTY FIRST TO THE  
2040 LONG RANGE TRANSPORTATION PLAN**

**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 SATS Long Range Transportation Plan takes a long-term (25-year) look at transportation needs in the Springfield Metropolitan Planning Area; envisions an efficient, interconnected, multi-modal travel network; and identifies projects to make this vision a reality; and

**WHEREAS**, the Long Range Transportation Plan is updated every five years and was most recently updated on March 12, 2015 as the SATS 2040 Long Range Transportation Plan; and

**WHEREAS**, the Illinois Department of Transportation, Region 4 District 6 is undertaking bridge deck sealing of Interstate & Non-Interstate structures on various routes and counties. These structures are recommended to be sealed on a periodic basis (4-year interval) to prevent chloride ion intrusion, preserve the deck surface and extend the useful life of the bridge deck.; and

**WHEREAS**, the Illinois Department of Transportation, Region 4 District 6 requests that the following project be added to the "Committed Projects" list in the SATS 2040 LRTP; and

MAP #	PROJECT DESCRIPTION	TYPE OF IMPROVEMENT	JURISDICTION	COST
76	Bridge Deck Sealing 2019	Various Interstate & Non-Interstate Routes inside SATS MPA	IDOT - District 6	\$ 227,000

**NOW, THEREFORE, BE IT RESOLVED**, that the Technical Committee has voted to recommend approval of Amendment Thirty first to the 2040 Long Range Transportation Plan to the Policy Committee.

**Recommended** on this 3<sup>rd</sup> day of January, 2019

ATTEST:   
Patrick McCarthy, Chair  
SATS Technical Committee

Wes Clark made a motion to combine the recommendation for approval of Amendment 2 to the FY2019-2022 Transportation Improvement Program with recommendation for approval for Amendment 31 to the 2040 Long Range Transportation Plan. Molly Berns seconded the motion. The motion to combine recommendations for approval was unanimous.

Wes Clark made a motion to recommend approval of Amendment 31 to the 2040 Long Range Transportation Plan to the Policy Committee and Amendment 2 to the FY2019-2022 Transportation Improvement Program. Molly Berns seconded the motion. The motion to recommend approval was unanimous.

**B. Amendment 32: I-72 Joint Repair**

Neha Soni introduced Amendment 29:



**RESOLUTION TO RECOMMEND APPROVAL OF AMENDMENT THIRTY SECOND TO THE 2040 LONG RANGE TRANSPORTATION PLAN**

**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 SATS Long Range Transportation Plan takes a long-term (25-year) look at transportation needs in the Springfield Metropolitan Planning Area; envisions an efficient, interconnected, multi-modal travel network; and identifies projects to make this vision a reality; and

**WHEREAS**, the Long Range Transportation Plan is updated every five years and was most recently updated on March 12, 2015 as the SATS 2040 Long Range Transportation Plan; and

**WHEREAS**, the Illinois Department of Transportation, Region 4 District 6 is undertaking a Statewide Pavement Preservation program. The longitudinal joints, at the location described below, are beginning to open and secondary cracks away from the joints are developing. A Microsurfacing Joint Repair will fill minor surface irregularities and seal the pavement surface in these longitudinal joint areas and help to preserve the surface life of this pavement.; and

**WHEREAS**, the Illinois Department of Transportation, Region 4 District 6 requests that the following project be added to the "Committed Projects" list in the SATS 2040 LRTP; and

MAP #	PROJECT DESCRIPTION	TYPE OF IMPROVEMENT	JURISDICTION	COST
77	I-72 Joint Repair	I-55 to 0.4 Mi. E	IDOT - District 6	\$ 40,000

**NOW, THEREFORE, BE IT RESOLVED**, that the Technical Committee has voted to recommend approval of Amendment Thirty second to the 2040 Long Range Transportation Plan to the Policy Committee.

**Recommended** on this 3<sup>rd</sup> day of January, 2019

ATTEST:   
 Patrick McCarthy, Chair  
 SATS Technical Committee

Molly Berns made a motion to combine the recommendation for approval of Amendment 3 to the FY2019-2022 Transportation Improvement Program with recommendation for approval for Amendment 32 to the 2040 Long Range Transportation Plan. Wes Clark seconded the motion. The motion to combine recommendations for approval was unanimous.

Molly Berns made a motion to recommend approval of Amendment 32 to the 2040 Long Range Transportation Plan to the Policy Committee and Amendment 3 to the FY2019-2022 Transportation Improvement Program. Shoun Reese seconded the motion. The motion to recommend approval was unanimous.

**IV. 2019-2022 Transportation Improvement Program**

**A. ST-U Projects Update**

**Nate Bottom announced the following:**

**i. Archer Elevator Road: Wabash Avenue to Greenbriar Drive**

Nate Bottom reported that the City anticipated a March, 2019 letting for the project.

**Patrick McCarthy announced the following:**

**ii. East Walnut Street: Park Avenue to Meadow View Lane (Chatham)**

No update was given.

**Arlin Williams announced the following:**

**iii. Iron Bridge Road and Woodside Road underpasses**

Arlin Williams told the Committee that right-of-way acquisitions continued on Iron Bridge road and that ROW acquisitions were complete for Woodside Road.

Preliminary meetings had been scheduled between Sangamon County, IDOT, and Union Pacific. A petition to begin work had been sent to the Illinois Commerce Commission. Mr. Williams anticipated a fall, 2019 letting for Iron Bridge Road and a spring, 2020 letting for Woodside Road.

**iv. Woodside Road: IL-4 to Chatham Road**

Arlin Williams reported that the project was 86% complete.

**B. Amendment 2: Bridge Deck Sealing**



**RESOLUTION TO RECOMMEND APPROVAL OF  
THE SECOND AMENDMENT TO THE  
FY/2019-2022 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/2019-2022 on October 11, 2018; and

**WHEREAS**, the Illinois Department of Transportation, Region 4 District 6 is undertaking bridge deck sealing of Interstate & Non-Interstate structures on various routes and counties. These structures are recommended to be sealed on a periodic basis (4-year interval) to prevent chloride ion intrusion, preserve the deck surface and extend the useful life of the bridge deck.; and

**WHEREAS**, the Illinois Department of Transportation, Region 4 District 6 requests that the FY 2019 Annual Element of the FY 2019-2022 TIP be amended by adding the project as shown below; and

**Project Description and Funding:**

Project/Jurisdiction/Class	Location		Action/Comments	Map #	Funding Source		Total Cost
9 Bridge Deck Sealing 2019	<b>Termini:</b>	Various Interstate & Non-Interstate Routes inside SATS MPA	Bridge Deck Sealing	N/A	STP-Statewide Flex	181,000	
	<b>State</b>	<b>Contract#</b> 72K01			IDOT	46,000	
	<b>Various</b>	<b>TIP#</b> 04-2019-06				\$227,000	

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

**NOW, THEREFORE, BE IT RESOLVED**, that the Technical Committee has voted to recommend approval of the Second Amendment to the FY/2019-2022 Transportation Improvement Program to the Policy Committee.

**Recommended** on this 3<sup>rd</sup> day of January, 2019

ATTEST:   
Patrick McCarthy, Chair  
SATS Technical Committee

The amendment was recommended for approval to the Policy Committee via unanimous vote in a combined approval with Amendment 31 to the 2040 Long Range Transportation Plan.

**C. Amendment 3: I-72 Joint Repair**



**RESOLUTION TO RECOMMEND APPROVAL OF  
THE THIRD AMENDMENT TO THE  
FY/2019-2022 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/2019-2022 on October 11, 2018; and

**WHEREAS**, the Illinois Department of Transportation, Region 4 District 6 is undertaking a Statewide Pavement Preservation program. The longitudinal joints, at the location described below are beginning to open and secondary cracks away from the joints are developing. A Microsurfacing Joint Repair will fill minor surface irregularities and seal the pavement surface in these longitudinal joint areas and help to preserve the surface life of this pavement.; and

**WHEREAS**, the Illinois Department of Transportation, Region 4 District 6 requests that the FY 2019 Annual Element of the FY 2019-2022 TIP be amended by adding the project as shown below; and

**Project Description and Funding:**

Project/Jurisdiction/Class	Location	Action/Comments	Map #	Funding Source	Total Cost	
10 I-72 Joint Repair	Termini: I-55 to 0.4 Mi. E	Microsurfacing Joint Repair	N/A	NHPP - State	36,000	
	State			Contract# 72K85	IDOT	4,000
	Interstate			TIP# 04-2019-07		
					<b>\$40,000</b>	

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

**NOW, THEREFORE, BE IT RESOLVED**, that the Technical Committee has voted to recommend approval of the Third Amendment to the FY/2019-2022 Transportation Improvement Program to the Policy Committee.

Recommended on this 3<sup>rd</sup> day of January, 2019

ATTEST:   
Patrick McCarthy, Chair  
SATS Technical Committee

The amendment was recommended for approval to the Policy Committee via unanimous vote in a combined approval with Amendment 31 to the 2040 Long Range Transportation Plan.

**D. Modification 1: I-55 Business/Illinois Route 4**



**Administrative Modification 1 to the  
FY 2019 – 2022 Transportation Improvement Program  
November 16, 2018**

**I-55, IL-4 Current to AC**

Status of this project was changed from “Current” to “Advanced Construction” because the Illinois Department of Transportation considers specific apportionment or state contract ceiling insufficient to meet project specifications; the FY 2019 Annual Element of the FY 2019-2022 Transportation Improvement Program has been modified to add AC to the federal funding source as shown below.

Project/Jurisdiction/Class	Location	Action/Comments	Map #	Funding Source	Total Cost
8 I-55 Bus (Peoria Rd), IL 4 (Veterans PKWY)	Termini: I-55 Bus: Over Sangamon River N of Springfield; IL 4: Over NS & Gateway Western RR N of I-72 In Springfield	Bridge Painting; Clean & Paint Beam End Areas	N/A	NHPP - State (AC)	128,000
	State			32,000	
	Other Principal Arterial				
	Contracts: 72K74				
	TIP#: 04-2019-05				<b>\$160,000</b>

And the Advance Construction Projects table in the FY 2019-2022 Transportation Improvement Program has been modified to indicate the change to this project as shown below.

AD MOD #	TIP Year	Project/Jurisdiction/Class	Location	Action/Comments	Map #	Funding Source	Total Cost	Date On AC List	Date Off AC List
AM 1 (FY2019-2022 TIP)	2019	I-55 Bus (Peoria RD), IL-4 (Veterans PKWY)	Termini: I-55 Bus: Over Sangamon River N of Springfield; IL 4: Over NS & Gateway Western RR N of I-72 In Springfield	Bridge Painting; Clean & Paint Beam End Areas	N/A	NHPP - State (AC)	128,000	11/18/2018	
			State			32,000			
			Other Principal Arterial						
		Contracts: 72K74							
		TIP#: 04-2019-05					<b>\$160,000</b>		

E. Modification 2: I-55 Business



**Administrative Modification 2 to the  
FY 2019 – 2022 Transportation Improvement Program  
December 24, 2018**

**I-55 BUS Current to AC**

Status of this project was changed from “Current” to “Advanced Construction” because the Illinois Department of Transportation considers specific apportionment or state contract ceiling insufficient to meet project specifications; the FY 2019 Annual Element of the FY 2019-2022 Transportation Improvement Program has been modified to add AC to the federal funding source as shown below.

Project/Jurisdiction/Class	Location		Action/Comments	Map #	Funding Source		Total Cost
1 I-55	Termini:	Over I-55 Bus at Sherman Intchg & Fancy Creek N of Sherman	Bridge Deck Overlay	67	NHPP - State (AC)	1,800,000	
	State	Contract# 72J97			IDOT	200,000	
	Interstate	TIP# 04-2019-03					
							<b>\$2,000,000</b>

And the Advance Construction Projects table in the FY 2019-2022 Transportation Improvement Program has been modified to indicate the change to this project as shown below.

AD MOD #	TIP Year	Project/Jurisdiction/Class	Location		Action/Comments	Map #	Funding Source		Total Cost	Date On AC List	Date Off AC List
AM 2 (FY2019-2022 TIP)	2019		Termini:	Over I-55 Bus at Sherman Intchg & Fancy Creek N of Sherman	Bridge Deck Overlay	N/A	NHPP - State (AC)	1,800,000		12/24/2018	
			State	Contract# 72J97			IDOT	200,000			
			Interstate	TIP# 04-2019-03							
									<b>\$2,000,000</b>		

**V. TECHNICAL ADVISOR UPDATES**

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

No report was given.

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

James Kyte told the Committee that JD Stevenson was selected as the Acting Planning and Programming Development Manager for the FHWA Illinois office, and that Mr. Kyte would be attending SATS meetings until a full-time manager was hired in March, 2019.

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

No report was given.

**D. Illinois Commerce Commission (ICC)**

Mike Stead told the Committee that Brian Vercruyse was hired as the Interim Rail Safety Administrator. He said that the hiring process for a permanent replacement had begun and would be complete by February, 2019.

**E. Springfield Airport Authority**

No report was given.

**F. IDOT: Office of Intermodal Project Implementation (IPI)**

No report was given.

**VI. AGENCY UPDATES**

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

No report was given.

**B. Sangamon Mass Transit District**

Shoun Reese told the Committee that SMTD have a total of six buses under the Transit Asset Management Plan that were not considered in a state of good repair. SMTD was in the process of applying for grant money to replace the non-compliant buses. She also told the Committee that all non-revenue vehicles were classified as in good repair with the addition of new supervisor vehicles. She added that all SMTD buildings, with one exception, were in a state of good repair. The process to bring that one building to a state of good repair was anticipated to start in 2020.

Ms. Reese told the Committee that SMTD had begun the process of procuring funds for the purchase of a new fare collection system for SMTD buses.

The new SMTD bus route system was scheduled to be operational on January 7, 2019. New stop signs had been installed and the Intelligent Transportation System equipment had been installed on all SMTD buses.

**C. City of Springfield**

Nate Bottom updated the following projects:

**5<sup>th</sup> And 6<sup>th</sup> Street Underpasses (TIP # 02-2019-05)**

The City was awarded a \$22 million grant for the project. The project did not have a letting date at the time of the meeting.

**Ash Street Underpass (TIP # 02-2018-05):**

Contractors for the railroad had begun work on the bridge.

**11<sup>th</sup> Street Sewer Replacement**

The project was finished and overlay was anticipated to be applied in spring, 2019.

A public meeting was scheduled for January 30, 2019 at Lincoln Library for public review of the City's plans to modernize traffic signals and convert downtown streets to two-way thoroughfares. The first phase included 4<sup>th</sup> Street, 7<sup>th</sup> Street, and Adams Street.

A public meeting was scheduled for February 7, 2019 at Laurel Methodist Church for public review of the City's plans to change the configuration of Walnut Street between Capitol Avenue and South Grand Avenue.

Mr. Stead asked Mr. Bottom the status of quiet zones along rail corridors in Springfield. Mr. Bottom said that the City had done the diagnostic review and was waiting for UP and IDOT to wrap up some parts of the project before submitting an NOI based on the completed improvements. The NOI was slated to be reviewed by the City Council.

Mr. McCarthy asked Mr. Stead if a similar quiet zone process could be done in Chatham. Mr. Stead said that it would not be safe for a quiet zone in Chatham, as the trains would be moving too fast. Mr. McCarthy said that there have been instances where the train was in the intersection before safety gates were completely down. Mr. Stead told Mr. McCarthy that incidents as described should not happen. Mr. McCarthy said that the day following the incident, there were crews working on safety equipment at the crossing. Mr. Stead asked Mr. McCarthy to contact ICC if an incident such as that happened again. Mr. McCarthy said that the Chatham Police Department was monitoring the situation.

**D. Sangamon County**

No report was given.

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

No report was given.

**F. Village of Chatham**

Mr. McCarthy told the Committee that the Village could not finish the overlay on Park Street between Plummer and Walnut. Sidewalk and curb improvements were finished and Mr. McCarthy anticipated that the overlay work would be completed in spring, 2019.

**VII. Committee Updates**

**A. Communities Committee**

No report was given.

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

Neha Soni told the Committee that the M-UTJC met on November 14, 2018. She reported that Jason Graham had been elected committee chair, replacing the retired Elliot McKinley. She added that the Committee continues to work on the trail signage project and that a meeting schedule for 2019 had been approved. The next meeting was scheduled for February 20, 2019.

**VIII. PUBLIC COMMENTS**

No Public Comments

**IX. UNFINISHED BUSINESS**

No unfinished business.

**X. NEW BUSINESS**

**A. Performance Measures (Safety Targets)**

Shannan Karrick reminded the Committee that performance measures for pavement and bridges had been adopted by the SATS Technical and Policy Committees during the October, 2018 meeting.

Ms. Karrick told the Committee that Safety performance measures had been previously adopted by SATS with the 2040 Long Range Transportation Plan (LRTP). The LRTP performance measures set a target for a 25% reduction in fatal accidents during a 12-year period, beginning in 2013. Ms. Karrick told the Committee that every year, SATS has the ability to either adopt its own safety performance measures or adopt those set by IDOT and the State of Illinois.

Ms. Karrick showed the Committee what the State had adopted: a 2.0% reduction every year, beginning with 2017. Ms. Karrick showed the Committee a comparison graphic that displayed the performance measure targets from the LRTP as well as IDOT. The graphic also showed the trend of fatalities in the SATS planning area.

Ms. Karrick told the Committee that it could choose to either recommend that the SATS Policy Committee adopt the IDOT safety performance measures or recommend to keep the current performance measures outlined in the 2040 LRTP.

Mr. Bottom said that he believed the performance measures adopted by IDOT, based on its more recent data start point, were more realistic. Mr. McCarthy asked if there were any penalties for not meeting performance measure goals. Ms. Karrick said that there were no penalties to SATS for not meeting the performance measure targets. Mr. McCarthy said that he believed that the goal of the performance measures was to underperform the targets so that areas where fatalities occurred more often could be identified and funding applied to improving those areas. He asked if SSCRPC could provide data and maps that show where fatal accidents were more likely to occur so that problem areas could be identified. Ms. Karrick said that IDOT provides a 5% report to the County that identifies dangerous intersections, curves, and road segments.

Mr. McCarthy gave an example from Chatham. He said that there are a high incidence of collisions at IL-4 and Plummer Boulevard in Chatham. He suggested that it could be fixed by changing the timing of the stoplight at the intersection. Ms. Berns agreed. Wes Clark suggested that Mr. McCarthy talk to IDOT staff regarding the stoplight timing and said that he would contact people as well. Ms. Berns said that it would be helpful to have a map with data outlining intersections and road segments where accidents were more likely to happen so that SATS could identify areas where safety performance could be improved. She further stated that identifying the areas where accidents were more likely to occur would help SATS reach its safety performance measures target.

Ms. Karrick told the Committee that the State's performance measures were calculated by IDOT consultants using data from the SATS planning area to determine what safety targets could be achieved. The consultants took inventory of road segments and intersections in the area and found the instances with the highest probability of accidents. By improving those areas, the MPO would be able to reach.

Ms. Reese noted that the LRTP goals were lower than the state targets and wondered how SATS calculated its targets so differently. Ms. Karrick said that driving conditions had changed from the time the LRTP targets were established in 2013. Since that time, some roads have become more crowded and other factors, such as distracted driving, have become more prevalent. She said that the State's targets reflect the newer conditions. Mr. Clark noted that the State's rate of reduction is very similar to SATS projected rate of reduction. He added that it seems the State's performance measures are basically resetting the LRTP's reduction targets by using 2017 as a starting point instead of 2013.

Nate Bottom made a motion to recommend that the Policy Committee adopt the State of Illinois safety performance measures. Molly Berns seconded the motion. The vote to recommend approval was unanimous.

Ms. Karrick told the Committee that any projects that any member wanted to add to the Transportation Improvement Program would have to outline what, if any, Intelligent Transportation Systems components are included in the project. The purpose of identifying ITS components was to identify and inventory ITS assets in the SATS MPO for future planning.

Ms. Karrick told Committee members that she would be contacting them later to outline ways that Committee constituents have used Public Participation and outreach.

**B. Next Meeting Date: February 7, 2019**

**XI. ADJOURNMENT**

There being no further business, Chair McCarthy asked for a motion to adjourn the meeting. Molly Berns made a motion to adjourn. Shoun Reese seconded the motion. The motion to adjourn passed unanimously.

The regular meeting was adjourned at 9:04 AM.

Respectfully Submitted,

Jason Sass,  
Recording Secretary