

# **SURFACE TRANSPORTATION PROGRAM**

# PROJECT SELECTION & PROGRAMMING PROCESS



#### REVISED MARCH 2013

# SURFACE TRANSPORATION PROGRAM (STP)PROJECT SELECTION AND PROGRAMMING PROCESS OF SOUTH SUBURBAN MAYORS AND MANAGERS ASSOCIATION

# TABLE OF CONTENTS

ELIGIBILITY	5
PROGRAMMING PROCESS	
PROJECT REQUEST APPLICATIONS	6
FUNDING RATIO	
COST INCREASES	
TIER I POLICY	
TIER II POLICY	
TIER III POLICY	
TCM FUNDING	8
UTILITY RELOCATION POLICY	
ROADWAY LIGHTING PROJECTS	
LOCAL AGENCY PAVEMENT PRESERVATION PROGRAM (LAPP)	
(LAFO)	9
OTHER ISSUES	9
EVALUATION METHODOLOGY	10
TRAFFICVOLUMES	10
ROAD CONDITION	
PROJECT READINESS	
SAFETY	11
AIR QUALITY/TCM's	
ROADWAY JURISDICTION	
LOCAL AGENCY PAVEMENT PRESERVATION PROJECT/LOCAL (EVALUATION)	
ATTACHMENTS	14
ATTACHMENT 1 – MEMBER COMMUNITIES	15
ATTACHMENT 2 – TCM ELIGIBLE FOR STP FUNDING	
ATTACHMENT 3 – CHANGE FUNCTIONAL CLASSIFICATION	
ATTACHMENT 4 – PROJECT REQUEST APPLICATION	21
ATTACHMENT 5 – TCM PROJECT REQUEST APPLICATION	
ATTACHMENT 6 – PROJECT SCOPING REPORT	
6a – CROSSED OR ADJACENT BRIDGES	
6b – SIGNALIZED INTERSECTIONS	
6c – UNSIGNALIZED INTERSECTIONS NEEDING UPDATE	
6d – DRAINAGE DATA 6e – RAILROAD INVOLVEMENT	
6e – RAILROAD INVOLVEMENT ATTACHMENT 7 – REVIEW FORM	
ATTACHMENT / – REVIEW FORM	
ATTACHMENT 9 – I APP/LAFO APPROVAL	

LOCAL AGENCY PAVEMENT PRESERVATION OR FUNCTIONAL OVERLAY APPROVAL	50
ATTACHMENT 10 – STP PROJECT MILESTONE SCHEDULE	52
ATTACHMENT 11 – PROJECT SUBMISSION CHECKLIST	53

#### **ELIGIBILITY**

- Any municipality, that is a member of the South Transportation Council, may submit a project to the 1. South Suburban Mayors and Managers Association Transportation Committee for funding consideration through the Surface Transportation Program (STP). A list of these municipalities can be found in Attachment 1. Projects may be submitted at any time during the calendar year. However, once a year the Association will announce a call for projects and timetable for the evaluation process.
- 2. The following phases of highway projects will be eligible for STP funding:

Phase 1 Engineering (Preliminary Engineering) Phase 2 Engineering (Design Engineering) Right-of-Way Acquisition

Construction

Phase 3 Engineering (Construction Engineering)

NOTE: a) Phase 1 and Phase 2 engineering costs on roadway lighting and Local Agency Preservation Program (LAPP)/Local Agency Functional Overlay (LAFO) projects are the responsibility of the sponsoring municipality and are not eligible for STP funding. b) STP funds can be used to pay for sidewalk removal and replacement for a construction project. New sidewalks can only be paid for if shown as a TCM benefit.

- 3. In addition to highway projects, certain Transportation Control Measures (TCM) are also fundable through the STP program. These TCM projects are aimed at improving air quality through reducing or modifying usage of the automobile. A list of eligible TCM projects is contained in **Attachment 2**. A South Council municipality or other agency (such as PACE, METRA, or IDOT) may sponsor TCM projects for inclusion in the STP. If sponsored by an agency, the agency must obtain at least two municipal co-sponsors, which are members of the South Council. Phase 1 and Phase 2 engineering costs are not eligible for STP funding.
- The routes eligible for the STP funding are those roadways, which promote regional and/or 4. subregional travel and must serve as more than a local land access facility. All designated federal aid routes will be eligible for STP funding. Information on how to add a route to the functional classification system can be found in **Attachment 3**.

### PROGRAMMING PROCESS

- 1. Any municipality (or agency in the case of TCM projects) submitting a project for STP funding consideration must complete the appropriate project request application form in its entirety. The project request forms for highway and TCM projects are shown in **Attachments 4** and **5**, respectively. In addition, the *STP Project Scoping/Field Review Report* located in **Attachment 6** must be completed and submitted with all project applications. Furthermore, the municipality and municipal engineer for the project must attest that they have seen and reviewed all relevant policies by signing and submitting the *STP Review Form* contained in **Attachment 7**. Twelve copies or an electronic copy of the completed project request must be submitted to the Association's Transportation Staff in order for the project to be considered. If submitting outside of a designated call for project timeframe, the application must be received by SSMMA staff at least two weeks prior to the next scheduled Transportation Committee meeting. A representative of the submitting municipality must be in attendance at the meeting to present the project and answer any questions.
- 2. All new project applications <u>must be</u> coordinated with the Illinois Department of Transportation, Bureau of Local Roads (BLR). Project coordination includes an in-depth discussion of the scope of work, estimated costs, and project schedule. A completed project schedule must be submitted as part of the project application. The *Project Schedule* form can be found in **Attachment 8**. The BLR may require a soil survey and/or pavement testing to determine the suitability of roadway sub-grade material and existing pavement. Applicants are encouraged to coordinate their applications with appropriate county or township jurisdictions as well.
- 3. Each year, applicants are required to attend an annual review meeting with the IDOT and the SSMMA transportation staff. A construction price index as published annually in the *Engineering News Record* will be applied to the cost estimates at this meeting. Failure to attend the annual review meeting will result in the project being dropped from the STP program.
- 4. Once a year, the evaluation methodology described beginning on page eight, will be applied to all projects in the inventory to develop the Multi-Year Program (MYP). The MYP is defined by projects to be accomplished in the four-year period following the current fiscal year (Annual Element). Except in special cases, a project must first appear in the MYP before it becomes part of the Annual Element.

# PROJECT REQUEST APPLICATIONS

- 1. The South Council STP project request application for highway projects is shown in **Attachment 4**. The local project sponsor must supply all required information on the project request application prior to presentation to the Transportation Committee. SSMMA transportation staff will review each project submittal for completeness. Local project sponsors will be advised of any additional data that is absent.
- 2. The South Council project request application for TCM projects is shown in **Attachment 5**. As with the highway project request form, it must be completed in its entirety by the local project sponsor agency or agencies before the project is presented to the Transportation Committee.

### **FUNDING RATIO**

Local match percentage for all municipalities will be at a 70% federal and 30% local ratio. An 80% federal and 20% local ratio may be considered due to participation with a federally funded state project or inclusion of other funding sources. A guarantee of the municipalities local match is required as part of the project application. A municipality can pursue funding for a part of the local match from another agency. *During Federal Fiscal Years 2013 and 2014, all projects normally funded at a 70% federal and 30% local ratio will be funded at an 80% federal and 20% local ratio.* 

#### **COST INCREASES**

Because cost increases can have a negative impact on programmed projects, the Transportation Committee requires reasonable cost estimates be included with the project application. Applicants are now required to meet with IDOT before submitting their project so that the scope of work can be discussed in detail. Price indices as published annually in the Engineering News Record (ENR) will be applied annually to the programmed projects.

The following represents three tiers of policy involving project cost increases:

#### **TIER I Policy**

If a project experiences a cost increase greater than 10% above the *application estimate*, the increase must be reported to the SSMMA Transportation Staff within 15 days of IDOT's acceptance of the Phase 1 engineering report.

#### **TIER II Policy**

Projects experiencing a 10% increase over IDOT's *Design Approval* estimated total cost; the increase must be reported to the Transportation Committee and Staff immediately.

#### **TIER III Policy**

Project sponsors will be responsible for *all project increases* in excess of 20% of the *Design Approval* estimated total cost.

**ALL** projects that encounter either a Tier I, II or III cost increase, will be treated in the one of the following ways:

- Sponsors may choose to maintain their project's funding guarantee in the STP Program at the maximum federal participating level and increase the local match as necessary to accommodate the increase;
- Sponsors may choose to petition the Transportation Committee for an increase in funding. The Committee may choose to modify the project funding ratio, request increase in local participation to accommodate the additional costs or deny funding on a case-by-case basis;
- Sponsors may resubmit the project as a new project in the application cycle, in hopes of securing a new guarantee for funding at the revised cost estimate level;

Please note: In the case of the project being dropped from the program, the municipality may be responsible to reimburse the South Council for part or all of the project expenditures to date.

#### TCM FUNDING

While developing the five-year STP, the Transportation Committee may designate a percentage of the South Council funds to be used for TCM projects. The amount of funding allocated for TCM projects is at the discretion of the Transportation Committee. Each TCM project will be evaluated based on the following list and other factors if necessary:

Capacity
Diversions from Single Occupant Vehicles
Reduction in Vehicle Miles Traveled (VMT)
Emissions Reductions
Reduced Delay
Projected Number of Users
Project Readiness
Cost

#### UTILITY RELOCATION POLICY

For STP funded projects: Utility relocation must be a direct result of the transportation improvement. The request for STP funds must be made by 45 days after IDOT or the county *Design Approval*. A funding ratio of 70% Federal and 30% local will be applied to projects with the above circumstances. Should notification occur after *Design Approval*, a maximum funding ratio of 50% federal and 50% local will apply. The only exception would be in the event that the utility conflicts were not identified in the Phase 1 report on projects receiving *Design Approval*. Circumstances will be addressed on a case-by-case basis and are subject to funding availability.

For other agency projects: Utility relocation must be a direct result of the transportation improvement. A funding ratio of 50% federal and 50% local will be applied to all projects. Specific requests will be addressed on a case-by-case basis and are subject of funding availability.

# **ROADWAY LIGHTING PROJECTS**

The Transportation Committee may designate a portion of its annual allocation of STP funds to be used for roadway lighting projects. The standard SSMMA evaluation process will be used for lighting projects; however, the process may include accident history, particularly the proportion of darkness/daylight incidents. In addition, determination of a benefit/cost ratio for each project under consideration may be used to prioritize lighting projects on the basis of this value.

A project that is a component of a local, county or State improvement, street lighting projects will be funded at a 70% federal and 30% local ratio (with the exception of a federally funded state project, which may be funded at an 80% federal and 20% local ratio). Stand alone lighting projects will be funded at a 50% federal and 50% local ratio. All street lighting projects must adhere to the current IDOT standards. Engineering costs and decorative or historic lighting fixtures are ineligible for STP funding.

# LOCAL AGENCY PAVEMENT PRESERVATION PROGRAM (LAPP)/LOCAL AGENCY FUNCTIONAL OVERLAY (LAFO)

The Transportation Committee may designate a portion of its annual allocation of STP funds for Local Agency Pavement Preservation (LAPP)/Local Agency Functional Overlay (LAFO) projects. LAPP/LAFO projects are funded at a 70% federal and 30% local funding ratio. Engineering costs are ineligible for STP funding. Evaluation of LAPP/LAFO projects will follow the guidelines listed on pages 10 and 11. A copy of IDOT's LAPP/LAFO application can be found in **Attachment 9**. This form must be completed and submitted with a *STP Project Scoping Report/Field Review Report* (**Attachment 6**) prior to evaluation.

### **OTHER ISSUES**

- 1. Any municipality may request that the Transportation Committee consider exceptions to the rules or extenuating circumstances outside of the *SSMMA Project Selection and Programming Process*. Any request for consideration must be fully detailed in writing and must be addressed at a Committee meeting.
- 2. Applicants are encouraged to expedite the timetable of their project by performing engineering design and ROW acquisition with local funds; however, all locally funded engineering and ROW processes must adhere to Federal and IDOT standards. Before beginning these phases, contact must be made with IDOT Local Roads. Local project sponsors may be awarded additional points in the evaluation methodology process. The Transportation Committee on a case-by-case basis will make considerations.
- 3. An effort will be made to ensure that the STP funding is distributed in an equitable manner.
- 4. The Transportation Committee will make it a policy to actively advocate for Federal, State and county funding through the SSMMA Transportation Projects and Priorities List and Legislative Policy Statement.
- 5. <u>Changes to projects in the SSMMA five-year STP are not to taken lightly</u>. Changes are approved through resolution of the full Association and submitted to the Chicago Metropolitan Agency for Planning (CMAP) in the form of notification and/or a request to change the current Transportation Improvement Program (TIP) for Northeastern Illinois. This action requires approval by the CMAP Transportation Committee and in some cases the CMAP MPO Policy Committee.
- 6. Municipalities with projects in the Annual Element are *strongly encouraged* to attend all Transportation Committee meetings. Contact the SSMMA transportation staff for meeting dates and times.

### **EVALUATION METHODOLOGY**

All highway projects will be evaluated using the following evaluation methodology:

#### **TRAFFICVOLUMES**

This category assigns a point value based on existing Average Daily Traffic (ADT) volumes. IDOT accepted counts must be provided within the last six months of the application. The point values range a follows:

Two Lane Road	Points	Four Lane Road	Points
10,000 ADT +	20	35,000 ADT +	20
9,500 – 9,999	19	32,500 - 34,999	19
9,000 - 9,499	18	30,000 - 32,499	18
8,500 - 8,999	17	27,500 - 29,999	17
8,000 - 8,499	16	25,000 - 27,499	16
7,500 - 7,999	15	22,500 - 24,999	15
7,000 - 7,499	14	20,000 - 22,499	14
6,500 - 6,999	13	17,500 - 19,999	13
6,000 - 6,499	12	15,000 - 17,499	12
5,500 – 5,999	11	12,500 - 14,999	11
5,000 - 5,499	10	10,000 - 12,499	10
4,500 - 4,999	9	0 - 9,999	0
4,000 - 4,499	8		
3,500 - 3,999	7		
3,000 - 3,499	6		
2,500 - 2,999	5		
2,000 - 2,499	4		
1,500 - 1,999	3		
1,000 - 1,499	2		
500 – 999	1		
0 - 499	0		

#### **ROAD CONDITION**

Four road condition criteria comprise this category. (1) Excellent; (2) Good; (3) Fair; (4) Poor. These criteria are keyed to the IDOT Condition Rating Survey (CRS). A representative of the SSMMA transportation staff, or delegate thereof, will be responsible for conducting and rating the CRS for a particular project. The CRS range is as follows:

Condition	CRS Range	Point Value
Poor	1.0 - 4.5	20
Fair	4.6 - 6.0	13
Good	6.1 - 7.5	6
Excellent	7.6 - 9.0	0
New Alignment		1

#### **PROJECT READINESS**

The point value assigned in this category is based on the estimated number of months it takes to get an STP project under construction contract letting, as determined by SSMMA transportation staff in conjunction with IDOT Bureau of Local Roads.

Months of Readiness	Point Value
0-6 months	25
6-12 months	20
12-18 months	15
18-24 months	10
24-30 months	5
Over 30 months	0

### **SAFETY**

The average of the last three year's accident reports are to be used and compared against the IDOT average for that type of roadway. The project must address the accident situation and be reasonably expected to lower the accident rate to qualify for safety points. Averages listed as per million miles traveled.

		ROADWAYS	
	2 Lane Road	4 Lane Road	Points
125 % of IDOT Average	8.27	8.35	20
IDOT Average	6.62	6.68	15
75% of IDOT Average	4.96	5.01	10
50% or less of IDOT Average	3.31	3.34	0
		INTERSECTIONS	
	2 Lane Road	4 Lane Road	Points
125 % of IDOT Average	8.006	12.944	20
IDOT Average	6.405	10.35	15
75% of IDOT Average	4.8004	7.766	10
50% or less of IDOT Average	3.203	5.178	0

### **AIR QUALITY/TCM's**

Air Quality benefit points are awarded based on project type. Point values for different project types are as follows:

follows:	
Projects reducing vehicle miles traveled Projects reducing emissions with significant traffic flow improvements  New signalization projects (where warranted)  Full intersection channelization	Point Value 12 8
Add lanes projects	
Projects reducing emissions with moderate traffic flow improvements	4
Improving existing signals	
Bottleneck elimination or auxiliary lane additions	
Realignment of offset intersection pairs	
Providing a missing road segment link	
Consolidation of access (i.e. reducing the number of driveways)	
Minor channelization improvements	
Projects accommodating bicyclists	4
Shared roadways	
Marked bicycle lanes	
Shoulders	
Bikeway structures	
Separated bicycle paths	
Projects not producing reduced emissions or traffic flow improvements	0
Resurfacing and/or widening	
Curb and gutter installation or repair	

Drainage Lighting

# **ROADWAY JURISDICTION**

Local Jurisdiction	8
County Jurisdiction	4
State Jurisdiction	4

# <u>Local Agency Pavement Preservation Project/Local Agency Functional Overlay</u> (Evaluation)

The Technical Advisory Group Sub-committee developed a method to rank each submitted LAPP/LAFO project based on the cost per lane mile and average daily traffic (ADT) count. Each submitted LAPP/LAFO project will be evaluated based on the following criteria:

#### Total Cost / (Length of Project \* Number of Lanes) = Cost per Lane Mile

A point value will be assessed to each project based on the ADT submitted with the application. The Subcommittee used the following table to assign a point value based on existing Average Daily Traffic (ADT) volumes. IDOT accepted counts must be provided with each application.

Two Lane Road	Points	Four Lane Road	Points
10,000 ADT +	20	22,500 +	20
9,500 - 9,999	19	22,500 - 22,499	19
9,000 - 9,499	18	20,000 - 22,499	18
8,500 - 8,999	17	17,500 - 19,999	17
8,000 - 8,499	16	15,000 - 17,499	16
7,500 - 7,999	15	12,500 - 14,999	15
7,000 - 7,499	14	10,000 - 12,499	10
6,500 - 6,999	13	0 - 9,999	5
6,000 - 6,499	12		
5,500 - 5,999	11		
5,000 - 5,499	10		
4,500 - 4,999	9		
4,000 - 4,499	8		
3,500 - 3,999	7		
3,000 - 3,499	6		
2,500 - 2,999	5		
2,000 - 2,499	4		
1,500 - 1,999	3		
1,000 - 1,499	2		
0 – 999	1		

The following equation will be used to determine a projects final ranking:

#### **Cost per Lane Mile / ADT value = Final Project Ranking**

Once a final ranking was established, the Sub-committee made the recommendation to include a sub-list in the Multi-Year Program "B" list for the FY 01-06 STP that will include all ranked LAPP/LAFO projects. This sub-list will be used to program LAPP/LAFO projects, as space becomes available in the program.

# **Attachments**

### <u>Attachment 1 – Member Communities</u>

# SOUTH COUNCIL TRANSPORTATION **MEMBER COMMUNITIES**

Burnham

**Calumet City** 

Calumet Park

Chicago Heights

Country Club Hills

Crete

Dixmoor

Dolton

East Hazel Crest

Flossmoor

Ford Heights

Glenwood

Harvey

**Hazel Crest** 

Homewood

Lansing

Lynwood

Markham

Matteson

Midlothian

Oak Forest

Olympia Fields

Park Forest

Phoenix

Posen

Richton Park

Riverdale **Robbins** 

Sauk Village

South Chicago Heights

South Holland

Steger

Thornton

Tinley Park

University Park

#### Attachment 2 – TCM Eligible for STP Funding

# TRANSPORTATION CONTROL MEASURES (TCM) ELIGIBLE FOR SURFACE TRANSPORTATION PROGRAM (STP) FUNDING

- 1. Programs for improved public transit (capital only)
- 2. Restriction of certain roads or lanes to or construction of such roads or lanes for use by, passenger buses or high occupancy vehicles (HOV)
- 3. Employer-based transportation management plans, including incentives
- 4. Trip reduction ordinances
- 5. Traffic flow improvement programs that achieve emission reductions
- 6. Fringe and transportation corridor parking facilities serving multiple occupancy vehicle programs or transit service
- 7. Programs to limit or restrict vehicle use in downtown areas or other areas of emission concentration particularly during periods of peak use
- 8. Programs for the provision of all forms of high occupancy, shared-rides services
- 9. Programs to limit portions of road surfaces or certain sections of the metropolitan area to the use of non-motorized vehicles or pedestrian use, both as to time and place
- 10. Programs for secure bicycle storage facilities and other facilities, including bicycle lanes, for the convenience and protection of bicyclists, in both public and private areas
- 11. Programs to control extended idling of vehicles
- 12. Employer-sponsored programs to benefit flexible work schedules
- 13. Programs and ordinances to facilitate non-automobile travel, provision and utilization of mass transit, and to generally reduce the need for single-occupant vehicle travel, as part of transportation planning and development efforts of a locality, including programs and ordinances applicable to new shopping centers, special events, and other centers of vehicle activity.
- 14. Programs for new construction and major reconstruction of paths, tracks or areas solely for the use by pedestrian or other non-motorized means of transportation when economically feasible and in the public interest.

#### OTHER ELIGIBLE NON-TRADITIONAL PROJECTS

- 1. Highway and transit safety improvements and programs, hazard elimination, projects to mitigate hazards caused by wildlife, railway-highway grade crossings, and "opticom" emergency vehicle preemption devices.
- 2. Highway and transit research and development and technology transfer programs
- 3. Capital and operating costs for traffic monitoring, management, and control facilities and programs

#### **Attachment 3 – Change Functional Classification**

## How to Change a Roadways Functional Classification:

To add a route to the functional classification system, the municipality must make the request in writing to the Transportation Committee at least 30 days prior to the meeting that the community would like the request to be considered.

In order to be considered, the route must meet the following criteria:

- Promote regional and/or sub-regional travel
- The route must serve more than a local land access function
- Classification of the route as a major collector street or arterial on a local Comprehensive Plan or Thoroughfare Plan
- Terminus on another Federal-Aid route, a major employment center, or other major traffic generator.

The Transportation Committee will decide, based upon these criteria, whether to recommend the addition of the proposed functional classification route to IDOT. If IDOT accepts the recommendation of the Transportation Committee, they will forward the amendment to the Federal Highway Administration (FWHA) for final approval.

#### Materials to be submitted:

When a need for revision to functional classification is detected, the following information needs to be submitted to:

Director of Transportation South Suburban Mayors and Managers Association 1904 W. 174<sup>th</sup> St. East Hazel Crest, IL 60429

- 1. A letter requesting the change. This letter should include;
  - a) The nature of the request
  - b) The justification of how the street/highway meets the criteria for that particular classification
  - c) How the street/highway functions
  - d) Route terminus
  - e) Current and project Average Daily Traffic (ADT)
  - f) Description of the land use along the route
- 2. A letter requesting the change from the appropriate local official.
- 3. A location map using the most current IDOT Township Functional Classification Map indicating the segment/route being revised with the approved color codes.

Red Other Principal Arterial
Green Minor Arterial

Green Minor Arterial Pink Collector

 $Maps\ can\ be\ obtained\ from\ \underline{http://www.dot.state.il.us/maps/fiveyear/fiveyrmaps.html}$ 

4. Functional Classification Revision Worksheet (Next Page)

# FUNCTIONAL CLASSIFICATION REVISION WORKSHEET SOUTH SUBURBAN MAYORS AND MANAGERS ASSOCIATION

The South Suburban Mayors and Managers Association requests approval of the addition of the following roadway to the FAU system. A Resolution approving/requesting the change is attached. Two copies of a Color-Coded Map excerpted from the <u>IDOT current township Functional Classification map</u> are attached. Additional information follows.

are attached. Additional in	formation follows.		
Name of Jurisdiction Requesting Revision:			
Township of Jurisdiction/R	.oadway:		
Name of Roadway:			
Current IDOT Roadway Cl	assification:		
Requested IDOT Roadway	Classification:		
Endpoints of Roadway	North/East Endpoint: FAU/FAP:		
	South/West Endpoint: FAU/FAP:		
AADT:			
Spacing:			
Route Continuity:			
Route Length:			
Signalization Along Route:			
Stop Sign Control of Cross-Streets:			
Access to Traffic Generators:			
Justification:			
Contact:			

# <u>Attachment 4 – Project Request Application</u>

# SSMMA SURFACE TRANSPORTATION PROGRAM (STP) PROJECT REQUEST APPLICATION - HIGHWAY

A.	GENE	RAL IN	IFORMATION
	1.	Date of	f Application
	2.	Munici	ipality/Lead Agency
	3.	Project	identification
		a.	Project street
		b.	Project limits
		c.	Project length
		d.	Function classification and route #
		e.	Other project location information (below):
	4.	Primar	y Work Type (up to a maximum of three)

Estimate project cost (include cost and indicate the sources of local funds)

5.

	Local	County	State	Federal (STP)	TOTALS
PHASE 1					
PHASE 2					
ROW					
PHASE 3					
CONST.					
OTHER					

### B. EXISTING CONDITIONS

- 1. Description of existing facility or condition
  - a. Maximum and minimum cross sections (including number of lanes, land widths, turn lanes, parking lanes, curb and gutter, bicycle lanes, sidewalks)

- b. Current Jurisdiction
- c. Current surface type

d.	Construction and maintenance history
e.	Available right-of-way
f.	Existing and proposed land use
g.	Surface condition rating (a pavement condition rating using the IDOT CRS methodology must be attached. The condition rating survey should be no more than two years old and should include the date and source of information).
h.	Identification of traffic generators
i.	On and off-street parking (location and quantity)
j.	Rail crossings (include ID #, location, # of tracks)

k.	Adequacy of existing drainage
1.	Horizontal sight distance
m.	Vertical sight distance
Capa	city
a.	Current two way Average Daily Traffic (ADT)
b.	Projected 10 year ADT without the improvement
c.	Directional split
d.	Location of turning movements

2.

e.

Percentage of truck traffic by axle

f.	Volume/Capacity ratio
g.	Peak average speed
h.	Off-peak average speed
i.	Mass transit
Safety a.	Provide raw accident data for each of the last three years and the source for that information
b.	Accidents by time of day (please include daylight/darkness split)

3.

		c.	Accident breakdown by severity (property, injury or fatality)
		d.	Accident types (rear end, right angle, etc.)
C.	PROJI	ECT DE	ESCRIPTION
	1.	Descri	ption of improvement
		a.	Describe the proposed improvement
		b.	Estimated life of improvement
		c.	Specification of materials
		d.	Jurisdiction changes after improvement

	e.	Right-of-way requirements (list of cost estimates, potential acquisition problems)
2.	Anticij	pated effects of Improvement
	a.	Capacity
	b.	Anticipated volume
	c.	Peak Average speed
	d.	Off-peak average speed
	e.	Accident reduction

# f. Project Improvement Table:

	Before	After
Number of unrestricted driving lanes		
Driving lane width(s)		
(feet per lane)		
Shoulder width in feet		
(indicate if curbed)		
Number of signalized intersection within		
project limits		
Overall pavement cross section (in feet)		
Number of parking spaces/lanes		
Number of restricted driving lanes (describe		
restriction)		
Continuous bi-directional turn lane		
(yes or no)		
Posted speed limits(s)		
Paved Roadway Cross Section (feet)		

# D. Operational Problems

1. Physical barriers (structure and/or utility relocation)

2. Jurisdictional disputes

3. Impact on areas contiguous to the improvement area

4. Future impact

5.	Are there issues, which may delay the project (such as environmentally sensitive areas)? It	f
	yes, please explain.	

#### 5. Other Issues

If necessary, provide a brief narrative describing any related issues that have not been previously identified in this application.

#### 6. Exhibits

Please attach the following exhibits to the completed application form submittal. Please ensure that all exhibits are suitable for photocopying (maximum paper size not to exceed 11 x 17):

- 1. A map showing the location of the project within the region.
- 2. A map showing the location of the project within the municipality or township.
- 3. A sketch of the improvement area.
- 4. Any additional project design plans which may be of assistance in evaluation the project application.
- 5. A copy of the recent Board/Council resolution (or minutes) requesting consideration of the project by the South Suburban Mayors and Managers Association and the municipality's ability to fund the required local match.

Twelve copies or an electronic copy of the completed project applications and exhibits should be forwarded to:

Director of Transportation South Suburban Mayors and Managers Association 1904 West 174<sup>th</sup> Street East Hazel Crest, IL 60429 Phone: 708-206-1155

Thomas.vanderwoude@ssmma.org

# <u>Attachment 5 – TCM Project Request Application</u>

# SSMMA SURFACE TRANSPORTATION PROGRAM (STP) PROJECT REQUEST APPLICATION - TCM

A.	GEN	ERAL IN	NFORMATIO	ON			
	1.	Date of	f Application	n			
	2.	Munic	ipality/Lead	Agency			
	3.	Project	t identification	on			
		a.					
		b.					
		c.	Project leng				
		d.					
		e.				):	
	5.	Primar	y Work Typ	e (up to a maxi	mum of three)		
	6.	Estima	ite project co	est (include cos	t and indicate th	e sources of loca	l funds)
		I	Local	County	State	Federal (STP)	TOTALS

PHASE 1			
PHASE 2			
ROW			
PHASE 3			
CONST.			
OTHER			

6.	Name	TOTAL: \$ and phone number of contact:
<b>.</b>		and phone number of contact.
7.	Other	participating agencies/contact names and phone #'s:
EXIS	TING C	CONDITIONS
4.	Descr	iption of existing facility or condition
	n.	Maximum and minimum cross sections (including number of lanes, lane widths, turn lanes, parking lanes, curb and gutter, bicycle lanes, sidewalks)

o. Current Jurisdiction

B.

p. Existing Transit Service provided (type, location, frequency)

q.	Available right-of-way (if applicable)			
r.	Existing and proposed land use			
S.	Identification of major traffic generators			
t.	On and off-street parking (location and quantity)			
u.	Population to be served by proposed improvement			
v.	Employment to be served by proposed improvement			
Capacity				
j.	Capacity of existing roadways in vicinity of project			

5.

k.

Peak and off-peak traffic volumes, before improvement

		1.	Existing volume/capacity ratios on impacted roadways
		m.	Current peak and off-peak average speeds on impacted roadway
	6.	Safety	
		e.	Total accidents
		f.	Breakdown of accidents by time of day including daylight/darkness split
		g.	Accident breakdown by severity (property, injury or fatality)
C.	PROJE	h. ECT DE	Accident types (rear end, right angle, etc.) SCRIPTION
	3.	Descrip	ption of improvement
		f.	Describe the proposed improvement

Estimated life of improvement

g.

	h.	Specification of materials	
	i.	Jurisdiction changes after improvement	
	j.	Right-of-way requirements (list of cost estimates, potential acquisition problems)	
4.	Anticipated effects of Improvement		
	g.	Capacity	
	h.	Projected number of users of new facility	
	i.	Anticipated diversions from single-occupant vehicles	

	j.	Anticipated volume/capacity ratios for surrounding roadways			
	k.	Average speed (peak and off-peak) on surrounding roadways			
	1.	Estimated reduction in VMT due to improvement			
	g.	Estimated reduction in vehicle emissions resulting from improvement			
	h.	Anticipated accident reduction			
Operat	tional P	roblems			
7.	Physic	al barriers (structure and/or utility relocation)			
8.	Jurisdictional disputes				
9.	Impac	t on areas contiguous to the improvement area			

D.

Competing services

10.

#### 5. Future impact

11. Are there issues, which may delay the project (such as environmentally sensitive areas)? If yes, please explain.

#### 12. Other issues

If necessary, provide a brief narrative describing any related issues that have not been previously identified in this application.

#### 13. Exhibits

Please attach the following exhibits to the completed application form submittal. Please ensure that all exhibits are suitable for photocopying (maximum paper size not to exceed 11 x 17):

- 6. A map showing the location of the project within the region.
- 7. A map showing the location of the project within the municipality or township.
- 8. A sketch of the improvement area.
- 9. Any additional project design plans which may be of assistance in evaluation the project application.
- 10. A copy of the recent Board/Council resolution (or minutes) requesting consideration of the project by the South Suburban Mayors and Managers Association and the municipality's ability to fund the required local match.

Twelve copies or an electronic copy of the completed project applications and exhibits should be forwarded to:

#### Director of Transportation South Suburban Mayors and Managers Association 1904 West 174<sup>th</sup> Street East Hazel Crest, IL 60429 Phone: 708-206-115

Thomas.vanderwoude@ssmma.org

### Attachment 6 - Project Scoping Report

# South Suburban Mayors and Managers Association PROJECT SCOPING REPORT/FIELD REVIEW REPORT\* FOR NON-TRANSIT PROJECTS

 $* THE FOLLOWING FORM IS DERIVED FROM THE FY2003 CMAQ PROJECT SCOPING REPORT AS IT APPEARS ON THE CATS WEBSITE ( \underline{www.catsmpo.com}) \\$ 

#### Part I. Overview

COMMON ROUTE NAME:	ROUTE MARKING:
LIMITS: FROM:	TO:
COUNTY:	
FIELD/SITE REVIEW DATE:	
JURISDICTIONS INVOLVED:	
KEY PEOPLE:	
Name	Name
Title	Title
Phone/fax	Phone/fax
HORIZONTAL RESTRICTIONS (ROW/side	6 6 7
UNUSUAL SOIL CONDITIONS (CHECK AND wetlands □ cattails in ditches □ bogs  UTILITIES INVOLVED (CHECK ALL THAND electrical □ gas □ telephone □ cable □  SPECIAL SAFETY CONSIDERATIONS (high	LL THAT APPLY):  ☐ dry land bridges ☐ contaminated soil  T APPLY): ☐ sewer ☐ water ☐ pipelines ☐ other
CROSSED OR ADJACENT BRIDGES:  Applicable (Complete and include  Not Applicable	one or more copies of Attachment 6a)

SIGNALIZED INTERSECTIONS:  ☐ Applicable (Complete and include one or more copies of Attachment 6b) ☐ Not Applicable
UNSIGNALIZED INTERSECTIONS NEEDING UPDATE:  ☐ Applicable (Complete and include one or more copies of Attachment 6c) ☐ Not Applicable
DRAINAGE DATA:  ☐ Complete and include one or more copies of Attachment 6d
RAILROADS:
PART III. ENVIRONMENTAL AND SPECIAL DATA
Documented (IDNR) or possible wetlands: ☐ Yes ☐ No:  Location(s)
Parks or Forest Preserve: ☐ Yes ☐ No:  Location(s)
4(f) Involvement □ Definite □ Possible
Cultural resource involvement (check all that apply):  ☐ Historic district ☐ Historic structure ☐ Historical marker  ☐ Other eligible historic designations ☐ Other cultural resources  Location(s)
Adjacent land use (Check all that apply)    Residential Office/Retail Schools  Industrial Park or Forest Preserve Other Institutional
Hazardous materials (UST, LUST, other hazardous waste sites) ☐ Yes ☐ No
Potential contaminated soils:
Local Acceptability (a federally accepted public involvement program will be prepared during project development)  Is there local public support, generally?   Yes   No  Has the affected public been involved/informed?   Yes   No  How?

### PART IV. PROPOSED SCOPE OF WORK

Engineering (	enter cost if eligible	for federal funding	<b>):</b>	
Phase I	(preliminary design	n) \$	% complete	months to complete
Phase I	I (plans, specs and $\epsilon$	estimates) \$	% complete	months to complete
Right of way n	eeded: □ No □ Ye	es: estimated cost \$ _		
Utility Relocat	ion □ No □ Yes:	Cost \$		
Construction:	Cost	Months to complet	e: C	Calendar Year
(INCLUDE DI	ETAILED COST ES	TIMATE FOR CONS	STRUCTION ITEMS	S ON FOLLOWING PAGE).
Proposed cross		umber of through l	idth king) vay width:	
Project Length				
☐ Inter ☐ New ☐ Sign ☐ Pede ☐ Com ☐ Train ☐ Rail	rsection improvement traffic signals (number als to be interconnected estrian/bicycle accornmuter Parking (number n Station Improvem	cted (number nmodations: nber of spaces	☐ Bottleneck of ☐ Traffic sign ☐ Structural in ☐ Roadside In ☐ positive ☐ New/Reloca	al modernization (number) mprovements nprovements (retaining walls,
For all items cl necessary.	necked above, descr	ibe improvements in	the space below. A	Attach additional sheets if
Is detention ☐ In li		☐ Yes (if yes, check ew outlets (where?)		

### DETAILED ESTIMATE OF CONSTRUCTION COSTS

Item	Description	Unit	Quantity	Unit Price	Total
TOTAL	COST OF CONSTRUCTION ITEM	1S	•		

ESTIMATES MUST BE BASED UPON QUANTITIES AND UNIT COSTS WHENEVER POSSIBLE. LUMP SUM AMOUNTS ARE NOT ACCEPTABLE.

#### 6a - CROSSED OR ADJACENT BRIDGES

(FILL OUT BELOW –2/PAGE - OR ATTACH MASTER STRUCTURE REPORT FROM IDOT FOR EACH)

Lo	cation:
a)	Waterway or facility crossed:
b)	Roadway width (face of curb to face of curb):
c)	Structure width (outside of parapet to outside of parapet): Structure length:
d)	Structure type (concrete, steel or timber):
e)	Structure waterway opening (clearance/freeboard consideration):
f)	Channel conditions (any debris or scour problems):
g)	IL Division of Natural Resources (IDNR) permits: □ No □ Yes
h)	Approach conditions:
i)	Structure Jurisdiction, if other than sponsor
Lo	cation:
a)	Waterway or facility crossed:
b)	Roadway width (face of curb to face of curb):
c)	Structure width (outside of parapet to outside of parapet): Structure length:
d)	Structure type (concrete, steel or timber):
e)	Structure waterway opening (clearance/freeboard consideration):
f)	Channel conditions (any debris or scour problems):
g)	IL Division of Natural Resources (IDNR) permits: □ No □ Yes
h)	Approach conditions:
i)	Structure Jurisdiction, if other than sponsor

**6b – SIGNALIZED INTERSECTIONS**FILL OUT FOR EACH SIGNALIZED INTERSECTION (2 PER PAGE)

Loca	tion:			
a.	Existing conditions (geometry, laneage, turning radii, etc. Complete conditions on HCM Input sheet diagram or sketch):			
b.	Type of controller □ Fixed Time □ Semi-activated □ Fully Activated			
c.	Pedestrian signals ☐ No ☐ Yes:  Locations:			
d.	Existing sidewalks:   No Yes:  Locations:			
e.	Preemption (railroad/fire/emergency vehicle): ☐ No ☐ Yes:  Locations:			
f.	Locations: Describe parking and parking restrictions and identify any bus stops in the vicinity.			
g. h.	Do current signals meet MUTCD standards? ☐ No ☐ Yes: Is intersection a part of a current signal interconnect system? ☐ No ☐ Yes: If yes, give limits:			
i.	If yes, give jurisdictions involved: Operational deficiencies:			
a.	Location: Existing conditions (geometry, laneage, turning radii, etc. Complete conditions on HCM Input sheet diagram or sketch):			
b.	Type of controller □ Fixed Time □ Semi-activated □ Fully Activated			
c.	Pedestrian signals □ No □ Yes:  Locations:			
d.	Existing sidewalks:   No Yes:  Locations:			
e.	Preemption (railroad/fire/emergency vehicle): ☐ No ☐ Yes:  Locations:			
f.	Describe parking and parking restrictions and identify any bus stops in the vicinity.			
g.	Do current signals meet MUTCD standards? ☐ No ☐ Yes:			
h.	Is intersection a part of a current signal interconnect system? ☐ No ☐ Yes:  If yes, give limits:  If yes, give jurisdictions involved:			
i.	Operational deficiencies:			

## **6c – UNSIGNALIZED INTERSECTIONS NEEDING UPDATE** FILL OUT FOR EACH SIGNALIZED INTERSECTION (3 PER PAGE)

Loca	Location:			
a.	Traffic Control (4-way stop, two-way stop, etc.)			
b.	Lane Configuration (all approaches)			
С	Other Conditions:			
d	Special Problems:			
Loca	tion:			
a.	Traffic Control (4-way stop, two-way stop, etc.)			
c.	Lane Configuration (all approaches)			
c	Other Conditions:			
1	G : 1D 11			
d	Special Problems:			
Loca	tion:			
a.	Traffic Control (4-way stop, two-way stop, etc.)			
b.	Lane Configuration (all approaches)			
c	Other Conditions:			
d	Special Problems:			

## **6d – DRAINAGE DATA** COMPLETE FOR EACH DRAINAGE BASIS (2 PER PAGE)

Loca	tion:
a.	Existing drainage type (open/closed):
b.	Existing drainage problems:
c.	Flood plains (transverse/longitudinal):
d.	Regulatory (FEMA) Floodways:
e.	Major drainage structures:
f.	Outfall conditions:
g.	Comments (realignment/cost participation/jurisdictional transfer):
Loca	tion:
a.	Existing drainage type (open/closed):
b.	Existing drainage problems:
c.	Flood plains (transverse/longitudinal):
d.	Regulatory (FEMA) Floodways:
e.	Major drainage structures:
f.	Outfall conditions:
g.	Comments (realignment/cost participation/jurisdictional transfer):

### 6e – RAILROAD INVOLVEMENT

### COMPLETE FOR EACH RAILROAD (2 PER PAGE)

Loca	ation:
a.	Railroad name:
b.	Existing Type of Crossing: (Timber, rubberized, concrete, asphalt, other)
c.	Number of tracks: Active: Abandoned: Mainline: Secondary/Spur:
d.	Width of crossing (indicate feet or meters)
e.	Other Conditions:
f.	Type of Protection (gates, flashing lights, bells, crossbucks only, other):
g.	Accommodation for pedestrians or bicyclists crossing the railroad tracks? $\square$ No $\square$ Yes: Describe
	Protection Devices (if any)
h.	Are there any signalized intersections within 200 feet of the railroad crossing? ☐ No ☐ Yes:
i.	Are there railroads immediately adjacent to the project, but not crossed? ☐ No ☐ Yes:  Name
	Description
Loca	ation:
a.	Railroad name:
b.	Existing Type of Crossing: (Timber, rubberized, concrete, asphalt, other)
c.	Number of tracks: Active: Abandoned: Mainline: Secondary/Spur:
d.	Width of crossing (indicate feet or meters)
e.	Other Conditions:
f.	Type of Protection (gates, flashing lights, bells, crossbucks only, other):
g.	Accommodation for pedestrians or bicyclists crossing the railroad tracks? ☐ No ☐ Yes:  Describe  Protection Devices (if any)
h.	Are there any signalized intersections within 200 feet of the railroad crossing? ☐ No ☐ Yes:
i.	Are there railroads immediately adjacent to the project, but not crossed? ☐ No ☐ Yes:  Name  Description

#### <u>Attachment 7 – Review Form</u>

#### **Review Form**

We, the undersigned, have reviewed and understand the Project Selection and Programming Process of the South Suburban Mayors and Managers Association.

Municipality:	
Mayor:	
Date:	
Municipal Staff/Project Representative:	
Date:	
Project Engineer:	
Project Firm:	
Date:	

# Attachment 8 – SSMMA Project Schedule SOUTH SUBURBAN MAYORS AND MANAGERS ASSOCIATION PROJECT SCHEDULE

The following information must be completed by the municipality, the project engineer and IDOT. The Project Schedule must be submitted with the Project Application. Any changes to the schedule must be reported to the South Suburban Mayors and Managers Association's Transportation Committee immediately. Failure to do so may result in the project being delayed.

DATE

Submit Phase 1 Engineering Agreements for review and send letter of indication to SSMMA (Review Period – 1 to 3 months)				
Submit draft Phase 1 to IDOT (Review Period – 2 to 6 months)				
Design Approval anticipated				
Submit Phase 2 Engineering Agreement to IDOT				
Public hearing/meeting				
Final Phase 1 approval				
Phase 2 Engineering Agreement Approval by IDOT				
Begin Phase 2 engineering				
Begin ROW acquisition			<del> </del>	
Submittal of 75% complete plans to IDOT (Review Period – 1 to 4 months)				
Submittal of final plans (Review Period – 2 months)				
Anticipated federal fiscal year award date				
Duration of Construction	yrs	mos	days	
Please list any potential delays that would interfere with the projected s	schedule for this	project:		
Municipality: Date of municipal review:				
Name of municipal representative:				
• •				
Date of engineer review:				
Name of engineer and firm:		<del> </del>	<del></del>	
Date of IDOT review:				
Name of IDOT reviewer:				

### Attachment 9 – LAPP/LAFO Approval



### Local Agency Pavement Preservation or Functional Overlay Approval

		County  Local Agency		
			tion Numbe ject Numbe	
		•	ding Type	
Route/Loca	ation (attach location			
Termini Description				
Project Len	ngth Numbe	er of Lanes		Cost Estimate
Current AD		DHV		
Pavement:	Existing Type		g Width	
Shoulder:	Existing Type	Shoulder Wid		Proposed Type
☐ LAFO:	HMA Overlay Thickness (included Cold Mix/ Aggregate Base C			
LAPP:	Treatment Type		Condit	ion Rating
	Primary Distress			y Distress
If Yes is cheryes No	variances (attach justification) Curb Repairs at Intersections Storm Sewer Inlets Repaired / Repoverlay of Structure Proposed Existing Parking Lanes Pavement Flooding Exists	Yes	No Roto Curb Han Side	explanation:  Milling of Old Surface Proposed Repairs / Replacement dicap Ramps Proposed walk Construction or Maintenance ective Crack Control Proposed nage Problems Exist
Estimated 9		ted % Base Repair		
years	intersections that may require impro		ent sufficie	ncy rating and inspection report):
	rical Exclusion Concurrence )	Арр	oropriate Local	Official Date
☐ Design	Approval		Regional Engi	neer Date
☐ Design	Variance Approval	Bureau of Local Roads and Streets		and Streets Date
☐ Bridge [	Deck Resurfacing Approval		(5:1	10:
		Bureau	of Bridges and	d Structures Date

### <u>Attachment 10 – STP Project Milestone Schedule</u>

#### STP PROJECT MILESTONE SCHEDULE

Municipality:				Contact Information		
Project:				Municipality		
Scope of Work:				Council/Liaison		
TIP #:				Consultant		
TIP Years (Ph II / Const):				IDOT		
Section #:						
Constr & E3 Cost (Date):						
				Date Prepared:	Date Revised:	
_		Projected Dates	1			
	Initial Est.	Kick-Off	Revised/Actual			
1. Project Scoping				Notes		
2. IDOT Phase I Kick-off Meeting						
3. 1st State/Federal Coordination Meeting						
4. Categorical Exclusion Concurrence						
5. Design Variance Concurrence						
6. Submit Draft Phase I Report (PDR) to IDOT (a)						
7. Public Hearing/Meeting (or N/A)						
8. Right-of-Way Kick-off Meeting (or N/A)						
9. Submit Final Phase I Report (PDR) to IDOT (b)						
10. Submit Phase II Engr. Agreem't to IDOT (or N/A)						
11. Phase I Design Approval						
12. ROW Aquistion Initiation (or N/A) ( c )						
13. Phase II Engr. Agreement Approval (or N/A)						
14. Submit Pre-Final Plans and Estimates (d)						
15. Submit Phase III Engr. Agreement to IDOT						
16. Submit Final Plans, Specs & Estimates (PS&E) (e)						
17. ROW Acquisition Complete						
18. Construction Letting						
Notes:		<u> </u>				
(a) 3 to 6 month review required per complexity and submittal quality		See IDOT Local Roads' Mechanic	cs of Project Management			
(b) 1 to 3 month review		"Federal Aid Project Initiation to	Completion" Flow Chart for			
(c ) Minimum 9 to 18 months required from plats to acquisition		sequence of events and estimated	review times.			
(d) 1 to 4 month review						

52

Prepared by: CATS-Comm. Liaison / IDOT-BLRS (9/13/00)

(e) 7 to 10 days before Springfield BLR due date

#### Attachment 11 - Project Submission Checklist

#### **Project Submission Checklist**

The following text is a checklist designed to guide you through the application process. Each project submittal must include the following items and be submitted directly to the South Council Planning Liaison in order to be eligible for funding through the South Council Surface Transportation Program (Please see the Programming Process section on page 3 for a more detailed description):

- □ **Project Request Application** Attachment 4 for highway project or Attachment 5 for TCM or Attachment 9 for LAPP/LAFO project;
- □ SSMMA Surface Transportation Project Scoping/Field Review Report Attachment 6, include all relevant sub-attachments (6a through 6e);
- □ **Project Schedule** Attachment 8;
- □ **Review Form** Attachment 7, signed by Village President or Mayor, municipal staff/project representative and project engineer;
- □ **Project Milestone Schedule** Attachment 10, form must be completed and attached to all projects for review and inclusion in the program;
- **□** Submit 12 Paper Copies or Submit electronically to:

Director of Transportation South Suburban Mayors and Managers Association 1904 West 174<sup>th</sup> Street East Hazel Crest, IL 60429 thomas.vanderwoude@ssmma.org

Questions or comments can be directed to the sub-regional transportation staff at 708-922-4677.