

ONTARIO 2050

STP Shared Local Fund: Program Structure and Project Eligibility

June 27, 2018

Shared Fund Development Timeline

February
Project
eligibility
and
program
structure

April
Draft
selection
criteria
and
scoring
proposal

June
Revised
selection
criteria
and
scoring
proposal

Summer
Council
and
partner
feedback

September
Committee
approval

**January
2019**
Call for
projects

Today's meeting:

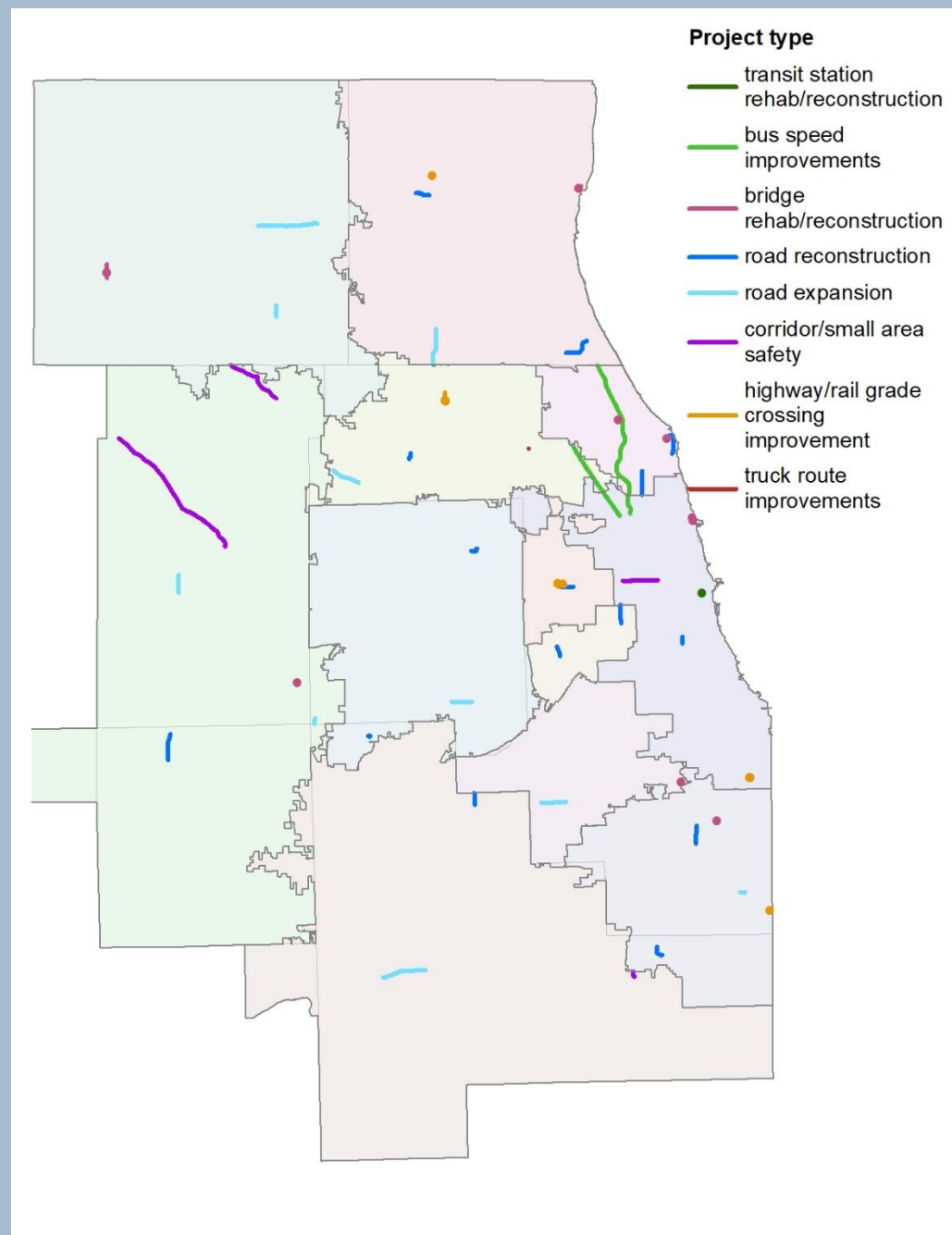
- Review methodology
- Discuss “proof of concept” evaluation results

No new changes proposed to:

- Project eligibility
- Overall program structure

“Proof of Concept” draft project evaluation

- Working draft- meant for illustrative purposes to work through scoring mechanics
- Completed or fully funded projects used as sample projects
- Wide range of projects from throughout the region
- CMAP staff made best effort to find historical information about projects through TIP and public records
- Evaluation of submitted projects will use info provided in application process
- Will continue refining methodology over summer



Project types	Project readiness			Transportation impact			Planning factors				
	Engineering /ROW completion	inclusion in plans	financial commitments	current condition/ need	population/ job benefit	improvement	green infrastructure	freight movement	Inclusive growth	complete streets	transit supportive density
Highway/rail grade crossing improvements							5	-	10	10	-
Truck route improvements							5	-	10	10	-
Road expansions							5	5	10	5	-
Road reconstructions							5	5	10	5	-
Bridge rehab/reconstructions	10	10	5	20	10	20	-	5	10	10	-
Corridor-level or small area safety improvements							-	5	10	10	-
Transit station rehab/reconstructions							-	-	10	5	10
Bus speed/reliability improvements							-	-	10	5	10
	Maximum: 25			Maximum: 50			Maximum: 25				

Total: 100 + Council/CDOT support bonus

Evaluation component: project readiness

25 total points:

- **Engineering completion and ROW acquisition (10 points)**
- **Financial commitments (5 points)**
- **Inclusion in plans (10 points)**

Engineering Completion and Right of Way acquisition

Phase 2 substantially complete: +5 points

ROW complete/not needed: +5 points

Total 10 points

Information needed from sponsors:

- **Status of engineering and ROW acquisition**

Financial commitment

less than 20% of project cost
(after match requirement):

5 points

20%-40%:

4 points

40%-60%:

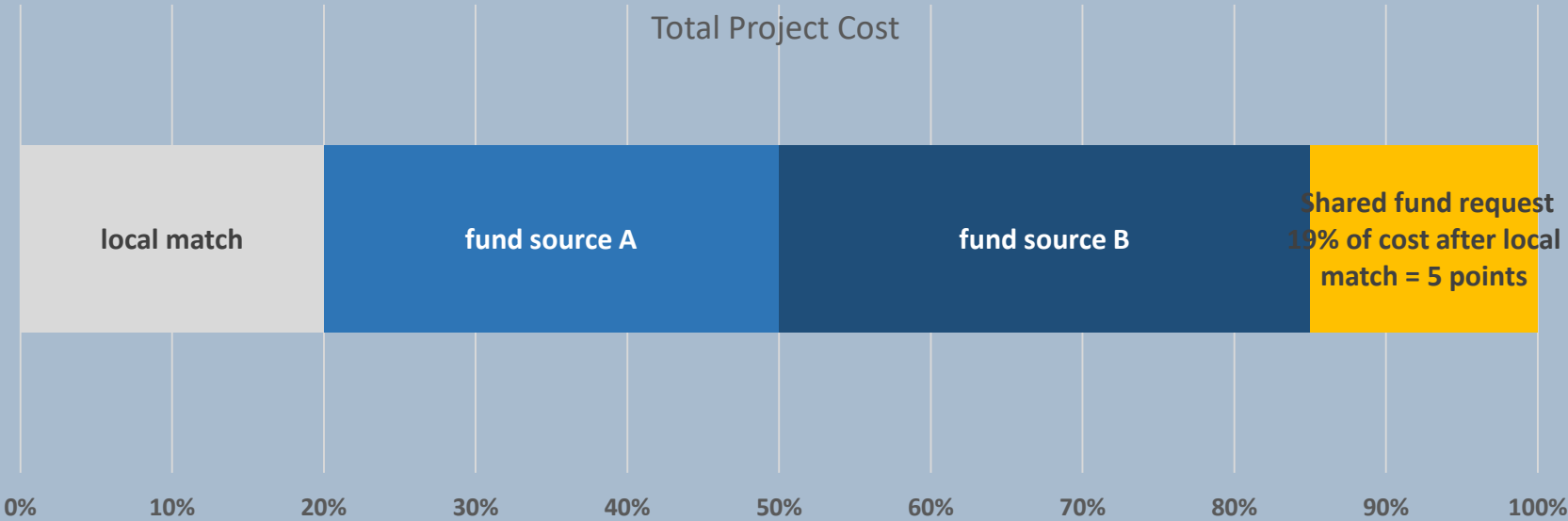
3 points

60%-80%:

2 points

80%-100%:

1 point



Inclusion in local/agency plans

Plan offers support for project type **3 pts**

Plan identifies specific project: **10 pts**

Information needed from sponsors:

- **link to relevant plan**

Examples:

- **Waukegan Lakefront Downtown master plan**
- **Joliet Arsenal Area Long Range Transportation Plan**
- **CREATE**
- **Pace Vision 2020**
- **Chicago Central Area Plan**
- **DuPage County Transportation Coordination Initiative**
- **O'Hare Subregion Truck Route Plan**

Evaluation component: transportation impact

50 total points:

- **Existing condition/need (20 points)**
- **Jobs/household impact (10 points)**
- **Improvement (20 points)**

Transportation impact: Transit stations

- **Existing condition/need (20 points)**
 - **Average Transit Economic Requirements Model (TERM) condition score of major station components**
 - **Capacity limitations**
- **Improvement (20 points)**
 - **Cost effectiveness of condition and capacity improvements**

Information needed from sponsors:

- **TERM score for major station assets before and after project**
- **Passenger area (square feet) before and after project**

Transportation impact: Bus speed improvements

- **Existing condition/need (20 points)**
 - On-time performance of routes
 - Bus travel time vs auto
- **Improvement (20 points)**
 - Cost effectiveness of on-time performance and time savings

Information needed from sponsors:

- On-time performance before and after project
- Bus travel time before and after project

Transportation impact: bridge reconstruction

- **Existing condition/need (20 points)**
 - Sufficiency rating from National Bridge Inventory
- **Improvement (20 points)**
 - Cost effectiveness of condition improvement
 - Amount of improvement adjusted based on type of work (deck replacement, substructure replacement, full reconstruction, etc.) based on factors from IDOT major bridge program

Information needed from sponsors:

- Type of condition improvement

Transportation impact: rail-highway grade crossing

- **Existing condition/need (20 points)**
 - **Grade Crossing Screening level 2 rating**
 - **Score includes motorist delay, safety, truck volume, and bus ridership**
- **Improvement (20 points)**
 - **Cost effectiveness of delay and safety improvements**

Information needed from sponsors:

- **Projected reduction in delay as a result of project**

Transportation impact: Corridor/small area safety

- **Existing condition/need (20 points)**
 - IDOT potential for safety improvement score, which compares number of crashes to the number expected for that type of road
- **Improvement (20 points)**
 - Cost effectiveness of design improvements that reduce major sources of crashes

Information needed from sponsors:

- Design improvements in project

Transportation impact: Truck route improvements

- **Existing condition/need (20 points)**
 - Roadway need score and truck ADT
- **Improvement (20 points)**
 - Cost effectiveness of improvements

Transportation impact: road reconstructions

- **Existing condition/need**
 - **Combination of condition, mobility, reliability, and safety**
 - **Condition weighted highest**

- **Improvement (20 points)**
 - **10 points: cost effectiveness of *condition* improvements**
 - **Up to 10 points: incorporation of operations technology/strategies (like CMAQ)**

Transportation impact: road expansions

- **Existing condition/need**
 - **Combination of condition, mobility, reliability, and safety**
 - **Mobility and reliability weighted highest**
- **Improvement (20 points)**
 - **10 points: cost effectiveness of *mobility* improvements**
 - **Up to 10 points: incorporation of operations technology/strategies (like CMAQ)**

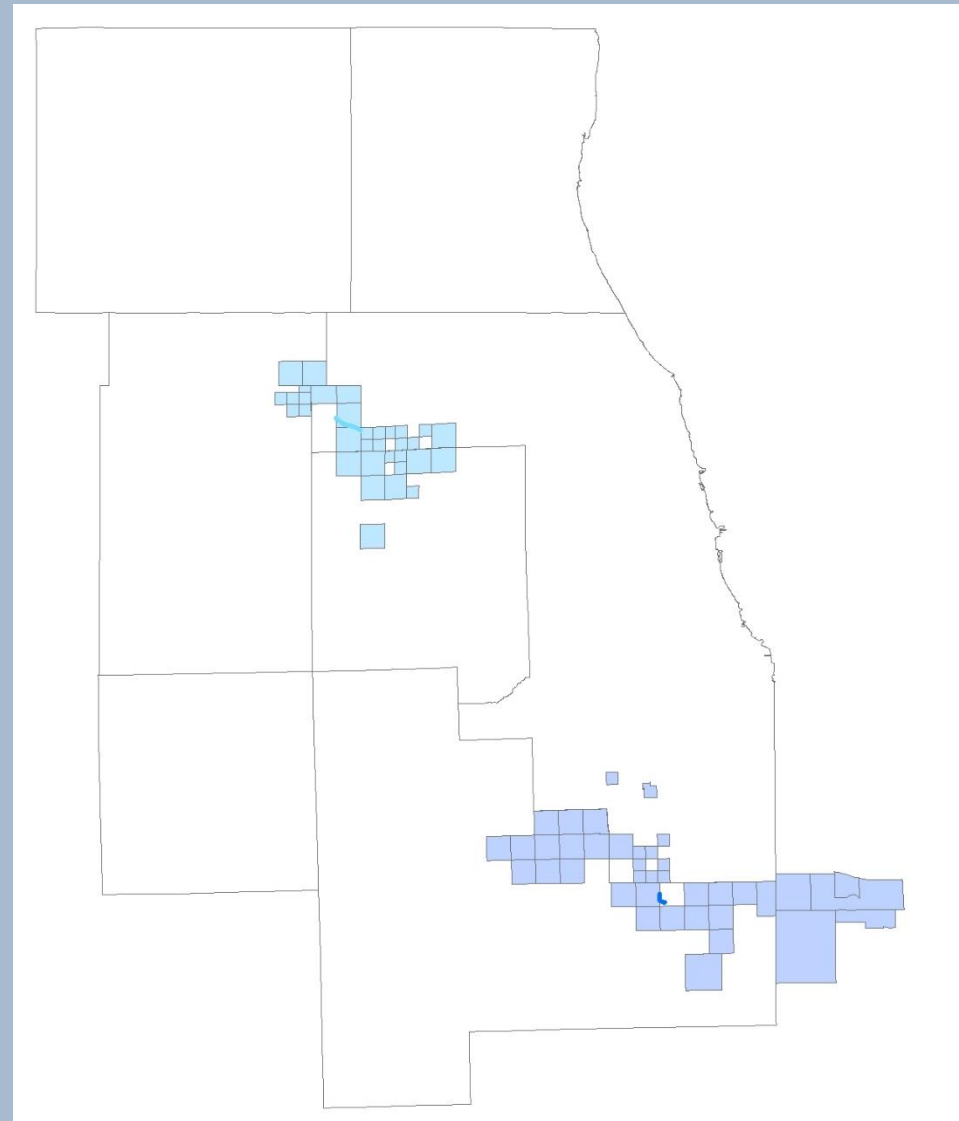
Population/Job Benefit

Total points: 10

Proposal: calculate households and jobs in project's "travel shed"- where people live and work who use the facility

Similar to RSP evaluation of arterials

Examples of travel sheds:



Project types	Planning factors				
	green infrastructure	freight movement	Inclusive growth	complete streets	transit supportive density
Highway/rail grade crossing improvements	5	-	10	10	-
Truck route improvements	5	-	10	10	-
Road expansions	5	5	10	5	-
Road reconstructions	5	5	10	5	-
Bridge rehab/reconstructions	-	5	10	10	-
Corridor-level or small area safety improvements	-	5	10	10	-
Transit station rehab/reconstructions	-	-	10	5	10
Bus speed/reliability improvements	-	-	10	5	10
Maximum: 25					

Inclusive growth evaluation

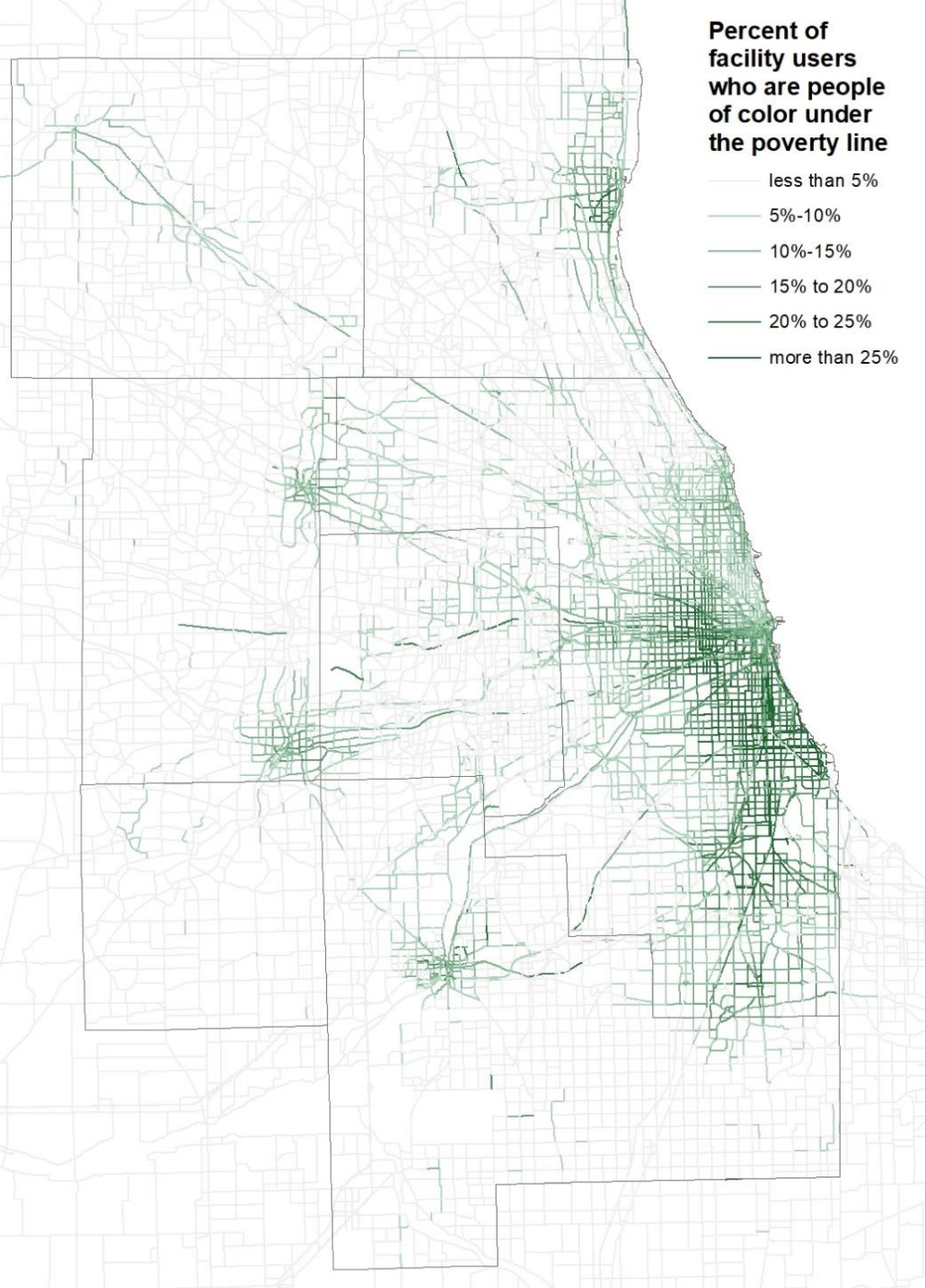
(all project types)

Percent of facility users who are nonwhite and under poverty line

0%-5%	0 points
5%-10%:	2 points
10%-15%:	4 points
15%-20%:	6 points
20%-25%:	8 points
25% or more:	10 points

Percent of facility users who are people of color under the poverty line

- less than 5%
- 5%-10%
- 10%-15%
- 15% to 20%
- 20% to 25%
- more than 25%



Complete Streets: *(all project types)*

Municipality has policies supporting complete streets:

+5 points,

(2.5 for road expansions, reconstructions, and transit projects)

Project has complete streets components:

+5 points

(2.5 for road expansions, reconstructions, and transit projects)

maximum 10 points

(maximum 5 for road expansions, reconstructions, and transit projects)

Information needed from sponsors:

- **link to policy or ordinance and Information about complete streets components**

Multimodal freight movement

(road expansions and reconstructions, bridge rehab/reconstructions, safety projects)

Percent heavy duty vehicles:

0%-2%	0 points
2%-4%:	1 points
4%-6%:	2 points
6%-8%:	3 points
8%-10%:	4 points
10% or more:	5 points

Green Infrastructure:

(grade crossings, truck routes, road expansions and reconstructions)

Municipality has policies supporting green infrastructure: +2 points

Project has green infrastructure components: +3 points

Total 5 points

Information needed from sponsors:

- link to policy or ordinance
- Information about green infrastructure components of project

Transit Supportive Land Use:

(transit stations, bus speed improvements)

**Permitted density and
parking requirements**

+7 points

Mixed use zoning:

+3 points

Total

10 points

same as CMAQ evaluation

Project types	Planning factors				
	green infrastructure	freight movement	Inclusive growth	complete streets	transit supportive density
Highway/rail grade crossing improvements	5	-	10	10	-
Truck route improvements	5	-	10	10	-
Road expansions	5	5	10	5	-
Road reconstructions	5	5	10	5	-
Bridge rehab/reconstructions	-	5	10	10	-
Corridor-level or small area safety improvements	-	5	10	10	-
Transit station rehab/reconstructions	-	-	10	5	10
Bus speed/reliability improvements	-	-	10	5	10
Maximum: 25					

Bonus: Council/CDOT support

- **Each council and CDOT gets 25 points to allocate to projects**
 - **No project may receive more than 15 of any individual council/CDOT's points**
 - **Coordination between councils is encouraged**
 - **No project may receive more than 25 points total**

Next steps:

- Meetings with stakeholders on methodology
- Developing program booklet
- Future PSC meeting: turning evaluation outcomes into a multi-year program