

To: Transportation Committee
From: Sotoria Montanari, Program Manager
Date: August 24, 2018
c: Rob Aloise, Acting Director of Transportation Planning
Subject: 2018 LOTCIP Solicitation – Staff Recommended Selections

A CRCOG Subcommittee meeting was held on August 16th to discuss the 2018 LOTCIP solicitation and entertain action for endorsement of recommended project selections as described in the attached two subcommittee memoranda. At the meeting, staff LOTCIP funding recommendations of just over \$31.2 million were unanimously endorsed by the subcommittee, including the approval of just under \$3.8 million for two projects previously approved for STP-Urban funding, and approval of just over \$27.4 million of funding of new projects for immediate advancement. At this month's Transportation Committee meeting, we will be requesting an endorsement of the recommendations.

Details of the major August 16th meeting subcommittee recommendations and discussions appear below:

- Per the request of the towns of Somers and Avon, LOTCIP approval of just under \$3.8 million for two projects previously approved at these same amounts in a 2004 STP-Urban Solicitation. These approvals include \$2,000,000 million for the Maple Street Bridge Improvement Project in Somers and \$1,794,750 for the Old Farms Road Reconstruction Project in Avon.
- From the 2018 solicitation, a total of twenty (20) additional projects (attached listing) from sixteen (16) towns totaling just over \$27.4 million were endorsed for immediate LOTCIP advancement. The project categories included ten (10) reconstruction projects, four (4) pavement rehabilitation projects, two (2) stand-alone sidewalk projects, two (2) multi-use trail projects, and two (2) pedestrian improvement projects.
- Staff explained that that the total new funding recommendations of just over \$27.4 million is more than the \$25.5M solicitation originally anticipated due to an approach that select projects left categories slightly over stated targeted amounts instead of under targets.
- Because of the necessity of each of the projects, staff was directed to creatively review and research possible funding sources for the Andover Bridge Project and Stafford Leonard Road over Furnace Brook Bridge, two projects that did not rank above the "cut-line." Each of these projects showed need, however bridge projects typically do not rank well in CRCOG's traditional solicitation.

If you have any questions or concerns in advance of the meeting, please feel free to contact Ms. Sotoria Montanari (smontanari@crcog.org) at 860-724-4220 or Mr. Rob Aloise (raloise@crcog.org) at 860-724-4214.

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To: Cost Review Subcommittee
From: Sotoria Montanari, Program Manager
Date: August 6, 2018
c: Rob Aloise, Principal Transportation Engineer/Interim Director
Transportation Committee
Subject: STP-Urban to LOTCIP Funding Transfer Requests

A Subcommittee meeting will be held on August 16 from 10:00 am to 12:00 noon at CRCOG's office, 241 Main Street, Hartford. At the meeting, we will be discussing and acting on Town requests to transfer CRCOG approved STP-Urban funding for the following projects to LOTCIP funding:

- \$2,000,000 for Maple Street Bridge Improvement Project, Somers
- \$1,794,750 for Old Farms Road Reconstruction Project, Avon

Maple Street Bridge Improvement Project, Somers

As part of a 2004 solicitation, CRCOG approved \$2,000,000 of STP-Urban funds (to supplement both Federal Earmarked and STEAP grant funds) for the Maple Street Bridge Improvement Project addressing bridge-side safety needs and reduce flooding. Since 2004, various design phases have progressed utilizing the STEAP and Earmarked funds, however progress was initially delayed by downstream hydraulic constriction issues (which have now been remedied), and then further delayed by a 2012 fire that destroyed the immediately adjacent Mill Building and further damaged the bridge.

Recent design and hydrology efforts have resulted in an estimated project cost of \$2,403,000. The town would like to progress this project utilizing LOTCIP funding, and therefore is requesting the transfer of the \$2,000,000 of approved STP-Urban funding to LOTCIP funds. As part of the 2018 LOTCIP solicitation, the town has submitted a LOTCIP application which staff recommends be used to fund the \$403,000 balance of project funding.

Staff recommends committee approval for the transfer of \$2,000,000 of CRCOG approved STP-Urban funds to LOTCIP funding for the Somers Maple Street Bridge Improvement Project, to be augmented by approval of \$403,000 LOTCIP 2018 solicitation funds.

Old Farms Road, Avon

As part of a 2004 solicitation, CRCOG approved STP-Urban funds for the Old Farms Road Reconstruction Project to improve safety for pedestrians and motorists by rectifying geometric issues. Since then the scope of the project has been refined through multiple environmental planning efforts, and most recently through coordination with CRCOG staff with the resulting project estimated at \$3,378,000. Approved STP-Urban funding of \$1,794,750 remains for the project, which the town wishes to transfer to LOTCIP funding. As part of the 2018 LOTCIP solicitation, the town has submitted a LOTCIP application which staff recommends be used to fund the \$1,583,250 balance of project funding.

Staff recommends committee approval for the transfer of \$1,794,750 of CRCOG approved STP-Urban funds to LOTCIP funding to the Avon Old Farms Road Project, to be augmented by approval of \$1,583,250 of LOTCIP 2018 solicitation funds.

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To: Cost Review Subcommittee
From: Sotoria Montanari, Program Manager
Date: August 6, 2018
c: Rob Aloise, Principal Transportation Engineer/Interim Director
Transportation Committee
Subject: 2018 LOTCIP Solicitation Draft Ratings

A Subcommittee meeting will be held on August 16 from 10:00 am to 12:00 noon at CRCOG's offices, 241 Main Street, Hartford. The purpose of the meeting is to review and discuss the 2018 LOTCIP solicitation preliminary rankings and to entertain subcommittee action for endorsement of project selections. Our project selection policy discussed reserving \$25.5 million for the solicitation, with the following funding splits:

Traditional Reconstruction Projects	\$17,275,000
Pavement Rehab/Stand-Alone Sidewalk Projects	\$ 3,825,000
Bicycle/Pedestrian Projects	\$ 1,400,000
Rural Set Aside Projects	\$ 3,000,000

Attached to this memorandum please find Table 1 assembled based on the highest staff rated projects. Table 1 shows staff project selection recommendations, including the rural set-aside projects listed for immediate funding and advancement. The result is a recommended \$27.4± million of LOTCIP projects selected for immediate advancement.

Also, attached to this memorandum please find the preliminary project ratings for reconstruction projects (Table 2), pavement rehabilitation/stand-alone sidewalk projects (Table 3) and bicycle/pedestrian projects (Table 4). Each of the ratings worksheet is delineated by a "draw the line" for funding identifying projects in the funding splits noted.

To ensure that sufficient projects are programmed in the LOTCIP program and to reduce potentially large program carryover, we will be looking to expedite project delivery and will be working with all towns to understand anticipated project schedules. If you have any questions or concerns in advance of the meeting, please feel free to contact Ms. Sotoria Montanari (smontanari@crcog.org) at 860-724-4220 or Mr. Rob Aloise (raloise@crcog.org) at 860-724-4214.

Table 1: Preliminary DRAFT Staff Recommended LOTCIP Projects for Immediate Funding

Town	Project	LOTICIP Request	Cumulative Total	Comments
Traditional Reconstruction Projects				
West Hartford	New Park Avenue Complete Streets Improvements	\$ 1,500,000	\$1,500,000	
New Britain	Downtown Complete Streets Improvements VIII	\$ 2,997,600	\$4,497,600	
Avon	Old Farm Road Improvements	\$ 1,583,250	\$6,080,850	<i>*Additional \$1,794,750 requested transfer from STP-Urban</i>
Hartford	Traffic Signal Improvements (Washington and Wethersfield)	\$ 1,521,600	\$7,602,450	
Wethersfield	Wolcott and Franklin Reconstruction	\$ 2,351,200	\$9,953,650	
Windsor Locks	Downtown Complete Streets Improvement II	\$ 2,567,600	\$12,521,250	
Coventry	Swamp Road at CT44 Intersection Improvements	\$ 1,419,600	\$13,940,850	<i>Total allocation for 2 projects capped at \$3M</i>
Plainville	Town Line Reconstruction (Rt 177 to Red Stone Hill)	\$ 1,507,200	\$15,448,050	
Berlin	Pavmnt Structure Improvmnts (Burnham, Porter, Christian, Deming, Missaro)	\$ 2,972,400	\$18,420,450	
Somers	Maple Street Bridge	\$ 403,000	\$18,823,450	<i>*Additional \$2,000,000 requested transfer from STP-Urban</i>
Pavement Rehabilitation / Stand-Alone Sidewalk Projects				
Wethersfield	Highland Street Pavement Rehabilitation (Talcott Ridge to Dart Hill Rd)	\$ 640,800	\$640,800	
Manchester	Tolland Turnpike Sidewalk Installation	\$ 1,072,000	\$1,712,800	
South Windsor	Avery Street Pavement Rehabilitation	\$ 872,400	\$2,585,200	
Windsor	Archer Road Pavement Rehabilitation	\$ 994,800	\$3,580,000	
Bloomfield	Blue Hills Complete Streets - Sidewalks	\$ 939,600	\$4,519,600	
Bicycle and Pedestrian Projects				
Vernon	Rockville Center Complete Streets & Multi-Use Trail	\$ 696,400	\$696,400	
Manchester	Multi-Use Trail (Hartford Road and Bidwell)	\$ 707,400	\$1,403,800	
Rural Set-Aside Recommendations				
Coventry	South Street Roadway/Pedestrian Improvements (Phase 1)	\$ 1,580,400	\$1,580,400	<i>Total allocation for 2 proj capped at \$3M/Rural Reconstruction Recommendation</i>
Marlborough	South Main Street Phase II	\$ 993,600	\$2,574,000	<i>Rural Pavement Rehab/Stand-Alone Sidewalk Project Recommendation</i>
Marlborough	Blackledge River Greenway Trail Phase II	\$ 512,400	\$3,086,400	<i>Rural Bike/Pedestrian Improvements Project Recommendation</i>
		Total	\$27,430,250	

* See attached draft memo

Table 2: 2018 LOTCIP Solicitation: Reconstruction Project Ratings

<div style="border: 1px solid black; padding: 5px; display: inline-block; color: red; font-weight: bold;">Preliminary DRAFT</div>		Ratings											Preliminary Ratings	LOTCIP Request	Cumulative
		Structural	Traffic Improve.	Traffic Volume (ADT)/ Transit Ridership	Regional Sig.	Environmental	Complete Streets	Derived From Corridor Study	Municipally Owned Arterial or Collector	Leverages other Finances	No prior LOTCIP projects, or all are awarded	Accelerated Project Delivery			
		15 points	15 points	15 points	17 points	15 pts	14 points	4 points	10 points	5 points	5 points	5 points			
West Hartford	New Park Avenue Complete Streets Improvements	3	13	15	14	10	11	2	10	5	0	0	83.0	\$ 1,500,000	\$ 1,500,000
New Britain	Downtown Complete Streets Improvement VIII	4	12	10.5	15	13	11	4	10	3	0	0	82.5	\$ 2,997,600	\$ 4,497,600
Avon	Old Farm Road Improvements	7	10	7.1	9	5	11	2	10	5	5	3.5	74.6	\$ 1,583,250	\$ 6,080,850
Hartford	Traffic Signal Improvements (Washington and Wethersfield)	2	9	14.3	9	10	2	0	10	0	5	5	66.3	\$ 1,521,600	\$ 7,602,450
Wethersfield	Wolcott and Franklin Reconstruction	5	11	7.9	7	2	12	0	10	0	5	0	59.9	\$ 2,351,200	\$ 9,953,650
Windsor Locks	Downtown Complete Streets Improvement II	2	8	15	11	5	12	0	1	0	0	3.5	57.5	\$ 2,567,600	\$ 12,521,250
Coventry	Swamp Road at CT44 Intersection Improvements	2	13	15	9	0	3.5	4	5	0	0	0	51.5	\$ 1,419,600	\$ 13,940,850
Plainville	Town Line Reconstruction (Rt 177 to Red Stone Hill)	9.5	2	5.3	9	5	1	0	10	0	5	2.5	49.3	\$ 1,507,200	\$ 15,448,050
Berlin	Pavement Structure Improvements	5	6	12.2	10	0	1.5	0	10	0	0	2.5	47.2	\$ 2,972,400	\$ 18,420,450
Somers	Maple Street Bridge Rehabilitation	5	6	7.4	5	2	2	0	10	0	5	3	45.4	\$ 403,000	\$ 18,823,450
Coventry	South Street Roadway /Pedestrian Improvements	8.5	3	2.3	8	2	5	0	10	0	0	2.5	41.3	\$ 2,490,000	\$ 21,313,450
South Windsor	Beelzebub Road Reconstruction (Foster to Norton)	7	9	2.9	4.5	2	2	0	10	0	2.5	0	39.9	\$ 2,078,400	\$ 23,391,850
Enfield	Somers Road Reconstruction	10	6	4.2	5	3	1	0	10	0	0	0	39.2	\$ 1,875,600	\$ 25,267,450
Stafford	Replacement of Bridge No 04778 Leonard over Furnace Brook	8	8	1.9	7	2	2	0	10	0	0	0	38.9	\$ 3,000,000	\$ 28,267,450
Andover	Bunker Hill Bridge Replacement	12.5	4	0.4	3	0	0	0	10	0	5	0	34.9	\$ 2,198,000	\$ 30,465,450

Table 3: 2018 LOTCIP Solicitation: Pavement Rehabilitation/Stand-Alone Sidewalk Project Ratings

<div style="border: 1px solid black; padding: 5px; display: inline-block; color: red; font-weight: bold;">Preliminary DRAFT</div>		Pavement Rehabilitation Ratings					Preliminary Ratings	LOTCIP Request	Cumulative
		Structural	Traffic Volume / Transit	Regional Significance	Environmental Justice	No prior LOTCIP projs., or all are awarded			
Town	Project	Stand-Alone Sidewalk Ratings							
		Fills Gaps/ adds to Network	Safety/ Traffic Volume/ Transit	Especially Vulnerable Users	Environmental Justice	No prior LOTCIP projs., or all are awarded			
		20 points	15 points	5 points	5 points	5 points	Total 50 points		
Wethersfield	Highland Street Pavement Rehabilitation (Talcott Ridge Rd to Dart Hill Rd)	15.0	9.2	4.0	0.0	5.0	33.2	\$640,800	\$640,800
Manchester	Tolland Turnpike Sidewalk	20.0	5.0	2.0	5.0	0.0	32.0	\$1,072,000	\$1,712,800
South Windsor	Avery Street Pavement Rehabilitation	17.0	7.2	2.0	0.0	2.5	28.7	\$872,400	\$2,585,200
Windsor	Archer Road Pavement Rehabilitation	18.0	5.1	3.0	0.0	2.5	28.6	\$994,800	\$3,580,000
Bloomfield	Blue Hills Complete Streets - Sidewalks	16.0	5.0	2.0	5.0	0.0	28.0	\$939,600	\$4,519,600
Marlborough	South Main Street Phase II	15.0	2.6	4.0	0.0	5.0	26.6	\$993,600	\$5,513,200
Simsbury	Firetown Road Gap Closure	15.0	5.0	2.0	0.0	0.0	22.0	\$872,400	\$6,385,600

NOTE: Shading denotes Stand-Alone Sidewalk Projects

Table 4: 2018 LOTCIP Solicitation: Bicycle & Pedestrian Project Ratings

<div style="border: 1px solid black; padding: 5px; display: inline-block; color: red; font-weight: bold;">Preliminary DRAFT</div>		Ratings						LOT CIP Request	Cumulative
		Improves Mobility	Improves Safety	Especially Vulnerable Users	Environ- mental Justice	No Previous LOT CIP funding	Preliminary Ratings		
		20 points	15 points	5 points	5 points	5 points	Total 50 points		
Vernon	Rockville Center Complete Streets & Multi-Use Trail	18.0	10.0	4.0	3.0	5.0	40.0	\$ 696,400	\$ 696,400
Manchester	Muli-Use Trail	16.0	5.0	4.0	3.0	0.0	28.0	\$ 707,400	\$ 1,403,800
Marlborough	Blackledge River Greenway Trail Phase II	12.0	6.0	2.0	0.0	5.0	25.0	\$ 512,400	\$ 1,916,200