SCCOG TRIP 2022 SOLICITATION OVERVIEW

Kyle Casiglio – Planner I – SCCOG
Kate Rattan, AICP – Transportation Program Manager – SCCOG
TRANSPORTATION RURAL IMPROVEMENT PROGRAM (TRIP)

• Municipalities fund 100% of non-construction costs (design, ROW, etc)

• State funds 100% of construction including additional 20% for C&I
  - 10% construction contingency for costs of construction changes
  - 10% incidentals for municipal construction administration and observation

• CTDOT has $5,000,000 in competitive funding available state-wide
  - $5,000,000 allocation per year for three years
  - Each municipality may submit one project to the COG, SCCOG can submit four to CTDOT
  - CTDOT may or may not solicit again within the three-year program, funding beyond year three is not certain.

• Unfunded projects may be eligible for other funding sources including LOTCIP.
Entity Eligibility

Bozrah
Franklin
Lebanon
Lisbon
North Stonington
Preston
Salem
Sprague
PROJECT ELIGIBILITY

• Projects must exceed minimum estimated cost of $300,000.

• While no cap has been set, funds are limited.

• Roadway must be classified as a rural minor collector or higher.

• Urban roadways and locally classified town roads are not eligible for TRIP grant improvements.

• Sidewalk and path projects may be located on any roadway, regardless of class.

• Refer to the 2022 CTDOT TRIP Guidelines for full eligibility requirements.
<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 21, 2022</td>
<td>Solicitation Issued by SCCOG</td>
</tr>
<tr>
<td>October 28, 2022</td>
<td>Information Presentation by SCCOG</td>
</tr>
<tr>
<td>December 15, 2022</td>
<td>Draft Application Submission Due to SCCOG (4pm – email submission only)</td>
</tr>
<tr>
<td>January 9, 2023</td>
<td>Request for Revisions</td>
</tr>
<tr>
<td>January 27, 2023</td>
<td>Final Applications Due to SCCOG (4pm – email submission only)</td>
</tr>
<tr>
<td>February 7, 2023</td>
<td>Presentation of Project Scoring for Executive Committee Review/Prioritization</td>
</tr>
<tr>
<td>February 15, 2023</td>
<td>SCCOG Endorsement of Prioritized Project List</td>
</tr>
<tr>
<td>February 28, 2023</td>
<td>Submission of Priority List to CTDOT</td>
</tr>
</tbody>
</table>

- **Send All Application Documents to:**
  Kyle Casiglio, Planner I, SCCOG, (kcasiglio@seccog.org)
QUESTIONS ON OVERVIEW
DRAFT APPLICATION SUBMITTAL AND REVIEW
Section 1: Project Type

Check all that apply

Note the additional data required for specific project types

- Roadway Geometric Improvement
  Provide additional information as required in section 5A
- Stand-Alone Sidewalk Construction
- Intersection Improvement
  Provide additional information as required in section 5B
- Bicycle/Pedestrian Improvement, including Multi-Use Trail Facilities
- Bridge Rehabilitation/Replacement
  Provide additional information as required in section 5C
- Major Drainage Improvement
  Provide additional information as required in section 5D
- Pavement Structure Improvement
  Provide additional information as required in section 5E
- Traffic Signal Replacement/Upgrade/New Installation/Coordination
  Provide additional information as required in section 5F
- Roundabout
  Provide additional information as required in section 5G
- Other (please specify):
Application Checklist

- Site Location Map
- Property Boundary Map
- Comprehensive Concept Plans
- Preliminary Engineering Plans (if available)
- Cost Estimate
- Proposed project schedule (estimate for final design completion, construction start and completion, etc.)
- Description of known potential impacts (or enhancements) relating, but not limited, to environmental, historical, natural, or social resources, as well as rights-of-way.
- CTDOT Completed Bicycle and Pedestrian Travel Needs Assessment Form
- Description of any public involvement conducted or support for the project.

Prioritization Rubric
Public Support

• Stand-alone project study
• POCD
• Other local plans
• Regional planning document

• Awarded projects will also see public support during the design process
Section 2 - Description of Project and Purpose and Need

• "Project Need" is an identified transportation deficiency

• “Project purpose" is a set of objectives that will be met to address the deficiency

• Deficiencies may include issues related to safety, the environment, congestion and traffic operations, access/mobility, equity, pavement conditions, etc.

• Connect project to surrounding key elements/developments and SCCOG and Municipal Planning Studies

Section 2 – Description of Project and Purpose and Need

Provide a detailed description of the proposed improvements as well as the purpose and need of the project. Please be as comprehensive as possible in the description of the planned activities. The purpose and need for the project should include the specific needs that will be satisfied and expected outcomes resulting from undertaking the project. It should also show how it relates to established goals and strategic plans for the community. An application that comprehensively demonstrates the following may receive maximum points for this section:

• Project description should be clear and detailed so that a reviewer can easily understand the limits and extent of the proposed improvements.
• Should be specific and clearly define what the intended purpose and need is within the context of the community and why this project is critical to achieving the purpose and need.
• Describe how this project can stimulate additional investment, leverage other resources, and/or fits into local or regional initiatives.
• Project is shown to complement local and/or regional plans such as Complete Streets, POCD, or Regional Transportation Safety Plan.
• Project limits must be clear. As noted in Section 1, Applicant shall include a detailed project location plan (may be PDF, KML/Z or Shapefile)
Section 3 – Safety and Accessibility

- Provide data to support narrative
- [www.ctcrash.uconn.edu](http://www.ctcrash.uconn.edu) - 3 years of data
- [CRSMS](https://crsms.uconn.edu/login) https://crsms.uconn.edu/login
- SCCOG Regional Transportation Safety Plan
- Local Studies, police reports, etc.
### Section 4 - Cost Estimate

Master Bid Item List that DOT has available here: [Contract Development](#)

Good estimating limits municipal liability

<table>
<thead>
<tr>
<th>Item</th>
<th>Subtotal</th>
<th>10% of Line &quot;A&quot;</th>
<th>20% of Line &quot;A&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clearing and Grubbing</td>
<td>$</td>
<td></td>
<td>1% of Line &quot;C&quot;</td>
</tr>
<tr>
<td>M &amp; P of Traffic</td>
<td>$</td>
<td></td>
<td>4% of Line &quot;C&quot;</td>
</tr>
<tr>
<td>Mobilization</td>
<td>$</td>
<td></td>
<td>7% of Line &quot;C&quot;</td>
</tr>
<tr>
<td>Construction Staking</td>
<td>$</td>
<td></td>
<td>1% of Line &quot;C&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other Items Subtotal</th>
<th>$</th>
<th></th>
</tr>
</thead>
</table>

| Contract Subtotal (C * D) | $ | |

| Inflation Costs (Simple Method) | $ | |
| Date of Estimate | $ | |
| Anticipated Bid Date | $ | |
| Annual Inflation | $ | 5.0% |

| Inflation Subtotal | $ | |

| Total Contract Cost Estimate (E * F) (Rounded to nearest $1000) | $ | |

| LOTCIP Project Costs Summary | $ | |
| Contract Cost Estimate (Line "G") | $ | |
| Contingencies | $ | |
| Incidental | $ | |
| ROW | N/A | LS |
| Utilities | N/A | LS |

| Total Project Cost | $ | |

| CTDOT Funding Commitment (Date) | $ | |

DIFFERENCE #DIV/0!
Section 4 – Cost Estimate

4. TRIP Application Section 4 (Project Development & Cost Estimate)

• Include as much detail as feasible / major items
• Use Rounded Lump Sum and Approximate Unit Prices
• Refer to:
  • CTDOT 2022 Estimating Guidelines
  • CTDOT Master Bid Item List
  • Recent Municipal & CTDOT Bid Results

• Include Additional 20% for Minor Items/Contingency

• Include Inflation of 5%/year to Projected Construction Year(s)

• Sample cost estimate form can be found on the SCCOG webpage
Section 5 – supplemental information

5. TRIP Application Section 5 (Supplemental Improvement Type Information)

- Information requirements vary by improvement type

- Refer to TRIP Application for the required documents for each improvement type

- Failure to provide the requested information will not impact an application’s eligibility but may affect the number of points awarded during scoring.
(A) Roadway and Geometric Improvement

85% speed
Design Speed
AADT

Find these on DOT's website if applicable:

Traffic Monitoring Volume and Classification Information Traffic Count Data (ct.gov)
Pavement Structures

Pavement Cores are needed to determine if a pavement job will be sufficient for the 20-year bonding period for this program.

Truck percentages are available on the traffic AADT count station information under CLASS. Using bid item numbers ensured consistency (3" curb or 4" curb?)
(F) and (G)

New signals require a warrant, capacity analysis, and SEAFORM.

Rectangular Rapid Flashing Beacons, for midblock pedestrian crossings require a pedestrian crossing form.

Roundabout design
6. Site Location Plan

- Aerial or Map Background
- Define Project Location/Area
- Routes and Roadway Names
- Proximate Key Developments/Traffic Generators
- Coordinate with Plan for Bicycle & Pedestrian Travel Needs Assessment Form
7. CTDOT Bicycle and Pedestrian Travel Needs Assessment Form (BPTNA)

- Use form to complete all sections that apply

- Include explanations and attachments as needed

- Coordinate Study Area Map with Site Location Plan

- Include the filled form with the application but do not email it directly to DOT as indicated on the form
APPLICATION ITEMS

8. Concept plans including, at a minimum:
- ROW & Impacts
- Utility Impacts
- Drainage Needs
- Grading/Walls
- Traffic, Bicycle, & Pedestrian Safety
- Any Permitting Design Requirements

- Check “Utility Companies by Town List” and “Utility Company Contact List” (https://portal.ct.gov/DOT/Utilities/Utilities)

- Test Pits/Cores if section (E) is required

- Submissions with preliminary engineering plans will be more competitive.

The above LOTCIP requirements are not included in the TRIP application, however they are a good guideline for what should be included in your TRIP concept plans.
Example of Plans

LEBANON AVENUE (ROUTE #16)

- Proposed 10' x 14' bus shelter
- 6' wide concrete landing with detectable warning pads for bus loading/unloading, line CT DOT concrete ramp section
- Signs 1 and 3
- End 5' wide concrete sidewalk, match existing concrete sidewalk
- 3' wide epoxy resin crosswalk (see CT DOT standard sheets for detail)
- Concrete sidewalk ramp, type I
- Interim concrete driveway on both sides of sidewalk
- Existing evergreen screening to remain
- New solar light pole fixture, 4' base (type I)
- Update water hydrant, coordinate all work with the town of Colchester water department
- 140' of modular block retaining wall system - location #6 provides pedestrian fence on top of wall (see wall notes on sheet 1)

DOROTHY A. TITE MROWKA
#334 LEBANON AVE.
SOLICITATION RANKING CRITERIA

• **Five Categories**
  1) Budget
  2) Public Benefit
  3) Rural Demographics
  4) Transportation Network/Connectivity Impact
  5) Readiness to Proceed

• **Please utilize the SCCOG Fillable Rubric** to include bullets or narrative for the prioritization factors and associated application page numbers.
# SOLICITATION RANKING CRITERIA

## BUDGET

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Point allocation (max 10)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The application includes an accurate/all-inclusive cost estimate using template provided as noted in section 4 below.</td>
<td>5</td>
</tr>
<tr>
<td>If the project budget exceeds grant amount does the Municipality have the resources to complete the project with local funds?</td>
<td>5</td>
</tr>
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</table>

**Project Funding Score:** 10

## PUBLIC BENEFIT

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Point allocation (max 30)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Does the Application describe how the proposed project will benefit the area within the community?</td>
<td>5</td>
</tr>
<tr>
<td>Does the proposed project improve congestion/air quality?</td>
<td>5</td>
</tr>
<tr>
<td>Is there a current deficiency in the project location?</td>
<td>5</td>
</tr>
<tr>
<td>Does the Application demonstrate public/community support, includes documentation of support?</td>
<td>5</td>
</tr>
<tr>
<td>Does the project address a specific safety concern or include improvements that will create a more suitable environment for a specific mode of travel?</td>
<td>10</td>
</tr>
</tbody>
</table>

**Public Benefit Score:** 30
SOLICITATION RANKING CRITERIA

- Bozrah – 7
- Franklin – 9
- Lebanon – 9
- Lisbon – 8
- North Stonington – 10
- Preston – 8
- Salem – 9
- Sprague - 6

**RURAL DEMOGRAPHICS**

<table>
<thead>
<tr>
<th>Percentage of rural area in applicant town. Points will be awarded on a sliding scale representing the percent of rural population within the project town over 50%. (i.e., 50% rural will be awarded 5 points and 100% rural will receive 10 points)</th>
<th>Point allocation (max 10)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>

**Rural Demographics Score:** 10
**SOLICITATION RANKING CRITERIA**

### TRANSPORTATION NETWORK/CONNECTIVITY IMPACT

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Point allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Does the proposed project improve access for multiple modes including active transportation? Does it close a gap or provide/improve a first/last mile connection?</td>
<td>10</td>
</tr>
<tr>
<td>Does the proposed project improve access for disadvantaged communities.</td>
<td>5</td>
</tr>
<tr>
<td>Does the proposed project connect land uses (residential, transit node, school, park, library, community center, office/retail) for everyday use? Does it close or improve a gap?</td>
<td>5</td>
</tr>
<tr>
<td>Is the project part of a safety action plan or local strategic safety plan to improve vulnerable user safety?</td>
<td>5</td>
</tr>
</tbody>
</table>

*Connectivity Score: 25*

### READINESS TO PROCEED

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Point allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level of preliminary work complete: studies, preliminary concept, PD, FD</td>
<td>10</td>
</tr>
<tr>
<td>Right of Way secured, or none needed.</td>
<td>5</td>
</tr>
<tr>
<td>Utility/ other conflicts</td>
<td>5</td>
</tr>
<tr>
<td>Federal, State, and local permitting required for the project has been identified</td>
<td>5</td>
</tr>
</tbody>
</table>

*Project's Readiness Score: 25*
December 15 – Drafts due to SCCOG
January 9 – Revisions Requested for Final Applications
January 28th – Final Applications
QUESTIONS & DISCUSSION

Additional Links:
CTDOT TRIP
- 2022 CTDOT TRIP Guidelines
- 2022 CTDOT TRIP Presentation
- CTDOT TRIP Application
- CTDOT Pedestrian and Bicycle Needs Form
- CTDOT Roadway Classification and Characteristic Maps
- CTDOT Cost Estimation Form

SCCOG
- SCCOG Metropolitan Transportation Plan
- SCCOG Regional Bike & Pedestrian Plan
- SCCOG Regional Transportation Safety Plan
- SCCOG Congestion Management Process
- SCCOG Resilience & Hazard Mitigation Plans
- SECT Comprehensive Economic Development Strategy
- Route 2 Bicycle Facility Planning Study
- Joint Land Use Studies
- Tri-Town Trail Master Plan

Fillable Ranking Criteria Rubric

Questions:
Kyle Casiglio, SCCOG Planner I at 860-889-2324 or kcasiglio@seccog.org