Non-Competitive Project Selection Criteria
Traffic Signal and Intelligent Transportation System Projects

Agencies interested in submitting an application for funding should provide information as noted in **Eligibility Criteria Step 1.** After submitting basic information, the agency or city should request an in-person meeting/conference call for Q&A with NCTCOG's Project Management and TIP Teams. Additional NCTCOG staff may participate as needed. Projects will be approved for funding through evaluation of the non-competitive project selection criteria. NCTCOG staff will screen for the following requirements:

Eligibility Criteria

Step 1

1.   Agency to provide the project description, project schedule, design, timetable and other supporting documentation to the extent available.
   a.   Project name and a brief description of the project (one paragraph) and its goals
   b.   Map of the project location (electronic shape file, latitude/longitude or PDF)
      i.   If central system or citywide, please indicate and no map is required.
   c.   Contact information for the requesting agency project manager or appropriate staff
   d.   Cost estimate including anticipated local match
   e.   *Please note: project sponsorship must include a commitment to provide at least 20 percent of the total project cost from a local source, in order to qualify for federal funding.*
2.   If the project is selected, the project sponsor will pay for any cost overruns.
   a.   If data is available or collected, the project sponsor will share any project data with NCTCOG
   (e.g. if traffic counts are collected, must share information with NCTCOG)
      i. Formatting or file type requirements have not been established; may recommend using NCTCOG's format when established.
   b.   If the project is selected, the project sponsor will protect project equipment from theft and vandalism during construction and after final construction acceptance.
      i. Protection may be validated by a statement and description of the protective measures.

Once NCTCOG staff has determined that the requirements in Step 1 have been met, staff will review and evaluate the eligibility requirements in Step 2.

Step 2

NCTCOG staff will verify all of the following eligibility requirements are met:

1. Project is consistent with the current NCTCOG long-range transportation plan www.nctcog.org/trans/mtp/
2. Project is located on Routes of Significance (ROS) or a minimum of 30% of the project is located on ROS. ROS are the routes for which speed data is provided on the 511DFW website at 511DFW.org
3. Project meets all applicable requirements under Code of Federal Regulations
    a. Project is consistent with the Regional ITS Architecture www.nctcog.org/trans/its/RegITSArch/index.asp
    b. Project development will follow the systems engineering process http://ops.fhwa.dot.gov/publications/seitsguide/section3.htm
4. Project achieves reduction in Volatile Organic Compounds (VOC) and Nitrogen Oxide (NOx)
5. Project reduces impacts of recurring and/or non-recurring congestion
6. Project benefit cost analysis as calculated by NCTCOG must yield a benefit cost ratio of 1 or greater
7. Project is included in the North Central Texas ITS Strategic Deployment Plan. www.nctcog.org/nctcg/media/Transportation/DocsMaps/Manage/ITS/ITSSDPFINALReportwithAppendix.pdf
8. Project sponsor has executed the Memorandum of Understanding (MOU) Concerning Guiding Principles for Multi-Agency Communication, Data and Video Sharing www.nctcog.org/nctcg/media/Transportation/DocsMaps/Manage/ITS/ITS_MOU_080116.pdf
9. All traffic signal implementation and replacement projects included in the TIP need to provide battery backup and communication to allow remote operation including timing plan download capability.
10. The Project sponsor will make transportation data it collects, such as traffic signal and highway and traffic condition data, and transit data, accessible on a real-time basis to travel navigation services, 511DFW, other public agencies, app developers and other parties who use such data for research or the development of products and services that may deliver mobility and other benefits to the North Central Texas/DFW Region.

Step 3

Project will be considered for funding if five or more of the following criteria are met:

1. Project sponsors is providing more than 20% local match.
2. Project is multijurisdictional.
3. Project fills in gaps in the existing Intelligent Transportation System (ITS) infrastructure by completing critical systems.
4. Project leverages transportation resources by targeting investment, where possible, to facilities undergoing reconstruction.
5. Project shares communication and data exchange through Lonestar or C2C.
6. Project encourages multimodalism (e.g. bike/ped and transit or freight).
7. Project results in energy savings such as LED signal bulbs or solar.
8. Project leverages, creates, or enhances sustainable funding sources including public/private sector (such as sustainable funding for 511).

9. Project can demonstrate increased safety.
10. Project supports the development and expansion of automated performance measures.
11. Project provides direct benefits to emergency services and incident response (e.g. police and fire).
12. Project provides ITS Central Control and Communications between ITS Central System and field devices.
13. Project provides V2V or V2I or promotes innovative ITS concepts.

If an ITS project is selected, the requesting agency will complete the ITS architecture consistency form prior to the approval of award funds by STTC/RTC. That form is located here: www.nctcog.org/nctcg/media/Transportation/DocsMaps/Manage/ITS/ITS_Architecture_Consistency_Blank.pdf

Internal Comments and Activities
Future: NCTCOG staff may provide application forms to NCTCOG/DFW Regional jurisdictions.

To Be Monitored by NCTCOG for Internal Purposes

1. Total funds in TIP.
2. Percentage of total TIP is allocated for traffic signals.
3. Percentage of total TIP is allocated for ITS.
   a. Funds for a project selected using ITS funds, or whose eligibility is based on ITS criteria, are limited to use on an ITS project. Scope changes will require review and approval by NCTCOG.
4. Funding allocations or limitations per requesting agency.