

# 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 <http://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 [www.nctcog.org/trans/its/documents/RoS\\_Map\\_update.pdf](http://www.nctcog.org/trans/its/documents/RoS_Map_update.pdf)
  - a. [http://www.nctcog.org/trans/its/documents/RoS\\_Listing.pdf](http://www.nctcog.org/trans/its/documents/RoS_Listing.pdf)
3. Project meets all applicable requirements under Code of Federal Regulations
  - a. Project is consistent with the Regional ITS Architecture <http://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 VOC and NOx
5. Project reduces impacts of recurring and non-recurring congestion
6. Project benefit cost analysis as calculated by NCTCOG must yield a benefit cost ratio of 1 or greater
7. Interim: Project sponsor's Transportation Management Center is connected to the regional network and is sharing communication networks and data for regional use.
8. Future: Project sponsor has executed the MOU Concerning Guiding Principles for Multi-Agency Communication, Data and Video Sharing

Once NCTCOG staff has determined that eligibility requirements in Step 2 have been met, the project will progress to Step 3.

### **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 should complete the ITS architecture consistency form prior to the approval of award funds by STTC/RTC.

[http://www.nctcog.org/trans/its/regitsarch/documents/ITS\\_Architecture\\_Consistency\\_Blank.pdf](http://www.nctcog.org/trans/its/regitsarch/documents/ITS_Architecture_Consistency_Blank.pdf)

### **Internal Comments and Activities**

Future: NCTCOG staff may provide application forms to COG jurisdictions. NCTCOG will establish a timeframe to execute the Memorandum of Understanding Between Dallas-Fort Worth Regional Intelligent Transportation System Partners Concerning Guiding Principles for Multi-Agency Communication, Data And Video Sharing (MOU). In the future this may be an ITS funding eligibility requirement.

### **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