Traffic Signal Data Sharing Program: Guide for Applicants

North Central Texas Council of Governments
March 23, 2018
Overview

**Purpose:** Provide grants to assist local partners in making their traffic signal data accessible to developer community to support connected vehicle, V2I and travel navigation applications without investment in new equipment or software platforms.
# Schedule

<table>
<thead>
<tr>
<th>Grant Opportunity</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Announcement</td>
<td>3/23/18</td>
</tr>
<tr>
<td>Application deadline</td>
<td>5/4/18</td>
</tr>
<tr>
<td>STTC Approval—Grants</td>
<td>5/25/18</td>
</tr>
<tr>
<td>RTC Approval—Grants</td>
<td>6/14/18</td>
</tr>
<tr>
<td>Executive Board Approval—Grants</td>
<td>6/28/18</td>
</tr>
<tr>
<td>Execute Agreements</td>
<td>July 2018</td>
</tr>
<tr>
<td>Project Implementation</td>
<td>August 1 – Oct 31, 2018</td>
</tr>
</tbody>
</table>
Possible Solutions

NCTCOG does not endorse any specific solution or vendor but is aware of some options for making a city’s traffic signal data accessible:

• Connected Signals (https://connectedsignals.com/ - mginsberg@connectedsignals.com)

• Traffic Technology Services (http://www.trafficterchservices.com/ - kiel.ova@traffictechservices.com)

• ATMS vendors with data-sharing modules—e.g., Trafficware’s Connected Vehicle Module (http://www.trafficware.com/trafficware-launches-connected-vehicle-application-in-atmsnow-central-traffic-management.html)

There may be other solutions available to a city that are discoverable via consultation with ATMS vendors, consultants or industry experts.
Application

The application is a questionnaire on Survey Monkey that is accessible here:

https://www.surveymonkey.com/r/TrafficSignalDataSharing_2018
Eligibility Requirements

1. Public entity has jurisdiction over traffic signals
2. Public entity is willing to make its traffic signal data accessible to developers, universities, NCTCOG, other public entities, etc. consistent with regional policies/practices
Evaluation Criteria

1. Amount requested [10%]

2. Quality of proposed technical solution [60%]
   A. Number of traffic lights made accessible
      i. Immediately
      ii. Within one-year
      iii. Within more than one year
   B. Number of traffic signals on Routes of Significance ({List; Map})
   C. Traffic volumes served by accessible traffic signals
   D. Connectivity with other jurisdictions sharing their traffic signal data
   E. Ability to share traffic signal data with multiple parties

3. Ability to implement proposed solution in a timely fashion [30%]
Contact Information

Clint Hail
Transportation Planner
Automated Vehicle Program
(817) 704-5633
chail@nctcog.org