



Connected Temporary Traffic Control Device Approval Request Form

Manufacturer: _____

Device Description (i.e. Connected Arrow Board): _____

Model No. and Firmware Version (if applicable): _____

Software Version (if applicable): _____

What type of connected temporary traffic control device is being requested for testing?

Note: For Connected Arrow Boards refer to [Smart Arrow Board Protocol \(SABP\)](#):

- Connected Arrow Board - Option 1 (JSON)**
- Connected Arrow Board - Option 2 (direct connection)**
- Connected Portable Traffic Signal (CPTS)**
- Automated Flagger Assistance Device (AFAD)**

For devices providing data from a server (i.e. WZDx/CWZ Device Feed, SABP Option 1), provide the following details

API/URL to compliant data feed [i.e. WZDx/CWZ Device Feed, Smart Arrow Board Protocol (SABP)]:

Provide a link or attach any documentation relevant to the data feed:

Does the device update on status changes (i.e. pattern change on connected arrow boards; traffic signal mode change for portable traffic signals; status for AFADs) **Yes** **No**

What is the minimum required distance for the device to be moved which will update the data feed?
Note: Iowa DOT requires updates if moved 500' for connected arrow boards but not applicable for CPTS or AFAD

What is the frequency of the health check/device check-in?
Note: Iowa DOT currently requires a maximum of every 30 minutes

Does your data feed include all devices within the State of Iowa plus a 1 mile buffer outside of the state ([map available here](#)) as required by the Iowa DOT (i.e. must include all connected arrow boards in SABP feed, all CPTS or AFADs in WZDx/CWZ Device Feed)? **Yes** **No**

Additional Comments:

Date Submitted: _____

Contact Name: _____

Contact Email: _____