Date: January 2, 2019

To: District Engineers

From: Wes Musgrove, Director, Office of Construction and Materials

Subject: 2020 Construction Work Zone Safety Awards

The First Annual Construction Work Zone Safety Awards are intended to recognize 2019 Iowa DOT construction
projects for outstanding performance in the areas of work zone safety and traffic control. Award recipients
include Iowa DOT project personnel and contractor’s employees.

These awards will be presented along with the APAI Smoothness Awards and the Concrete Paving Smoothness
Awards, in association with the Asphalt Pavement Association of Iowa and the Iowa Concrete Paving Association.
The awards will be presented at the Greater Iowa Asphalt Conference and the Iowa Concrete Paving Association
Workshops in early 2020.

Projects will be selected from the following categories:

1. **High Volume Multilane Long Term Stationary** (10,000 ADT or more) project where the traffic control is
installed and stays in place, except for major traffic or staging switches, for the duration of the project.

2. **High Volume Multilane Short Term Stationary** (10,000 ADT or more) project where the traffic control is
installed and reinstalled on a daily basis. Examples of these types of projects include HMA overlay,
HMA mill and fill, patching, joint sealing, and microsurfacing projects.

3. **Low Volume Primary Long Term Stationary** (less than 10,000 ADT) project.

4. **Low Volume Primary Short Term Stationary** (less than 10,000 ADT) project.

A **Special Award** may also be presented. Often, there are project submittals, which do not fit well into a category;
sometimes there are two extremely outstanding projects in one category which both deserve recognition. The
Special Award recognizes cases such as this. The Special Award may not be given out every year or there might
be more than one Special Award in a given year. You will not see a special category on the submittal form for this
award; the selection criteria will be the same as the existing four categories.
The criteria that will be used to select the award winning projects are:

- Compliance to work zone traffic control standards and guidelines.
- Improvements to existing traffic control standards and guidelines.
- Application of innovative work zone traffic controls.
- Maintaining a good working relationship between project and contractor personnel.
- Communications/public relations.
- Accident investigation/work zone improvement.

The Traffic Safety Engineer, Office of Construction and Materials; Work Zone Traffic Control Engineer, Office of Traffic and Safety, Special Projects Engineer, Office of Traffic and Safety, and a representative from the Office of Public Affairs and Policy will review candidates and make final selection.

The selections for the 2019 Construction Work Zone Safety Awards will be based on the project nomination forms; therefore, it is imperative that you include all requested materials and supplemental information to completely describe your project and why it should be selected.

Please complete the attached nomination form for a project in the appropriate category and return to Dan Sprengeler, Office of Traffic and Safety, 800 Lincoln Way, Ames, Iowa 50010 before Friday, December 13, 2019. Nominations can be made from either industry or Department representatives and shall be submitted through the appropriate District Construction Engineer.

If you have any questions regarding these awards, please contact Dan Sprengeler at (515) 239-1823 or Willy Sorenson at (515) 2239-1212.

Attachment: Nomination Form (see below)

cc:

DCEs
RCEs
AGC
APAI
ATSSA
ICPA
FIRST ANNUAL
CONSTRUCTION WORK ZONE SAFETY AWARDS
2019 NOMINATION FORM

Complete the following information for a project to be considered for an award. Return or conveniently use the submit button at the bottom of the form to e-mail the nomination:
Dan Sprengeler, Work Zone Safety Awards
Office of Traffic and Safety
800 Lincoln way, Ames, Iowa 50010

before Friday, December 13, 2019

Project Number: ____________________________________________

District & Location: __________________________________________

CLEARLY list ALL the names as they should appear on the award plaque.

Iowa DOT RCE Office: ________________________________________

(name)

Iowa DOT or Consultant Designer: ______________________________

(name)

Prime Contractor: ____________________________________________

(name of contractor)

(address of contractor)

Traffic Control Subcontractor
(if other than prime): ________________________________________

(name and company name)

(address of subcontractor)
PROJECT CATEGORY (please check one):

_____ High Volume Multilane Long Term Stationary (10,000 ADT or more) project where the traffic control is installed and stays in place, except for major traffic or staging switches, for the duration of the project.

_____ High Volume Multilane Short Term Stationary (10,000 ADT or more) project where the traffic control is installed and reinstalled on a daily basis. Examples of these types of projects include HMA overlay, HMA mill and fill, patching, joint sealing, and microsurfacing projects.

_____ Low Volume Primary Long Term Stationary (less than 10,000 ADT) project.

_____ Low Volume Primary Short Term Stationary (less than 10,000 ADT) project.

Attach all requested information and any additional information needed to explain why this project should be selected as an award recipient.

SELECTION CRITERIA

Please rate the following items on a scale of 1 to 5 (with 1 being the lowest and 5 being the highest). Mark any item that does not apply with N/A.

1. Compliance to work zone traffic control standards and guidelines:

_____ The TCP (Traffic Control Plan) complied with the Iowa DOT contract documents. Please include a copy of the TCP and traffic special provisions. Describe any ongoing meeting/discussions that took place during the course of the project.

_____ There was regular surveillance of traffic controls, including day and night reviews, by the Contractor’s Traffic Control Technician and the Department’s Project Inspector. Please include copies of field review reports.

_____ All traffic control devices complied with the TCP.

_____ If a speed reduction was used, all sign installations conformed to the standards and was kept current with work being performed.
2. Improvements to existing TCP:

____ Recommendations resulting from on-site observance were incorporated into the TCP. Please include any applicable reports, diary notes, revised TCP, and/or appropriate Contract Modifications.

____ All modifications to the TCP were done properly and documented in the project file. Please include the revised plan sheets, and/or notes, photos, etc. detailing this documentation.

____ The Daily Traffic Control Diary. Please include a copy of the applicable special provisions, blank checklist, and examples of completed daily diaries.
3. **Application of innovative work zone traffic controls, devices, signing, etc:**
   (This might include additional signing, increased device placement, new or added devices, etc.)

   __ Project personnel suggested innovative devices and techniques.

   __ The TCP incorporated techniques that reduced traffic delays, increased worker safety, or motorist safety.

   __ Innovative controls were properly established and evaluated. **Include any reports and descriptions of the innovations introduced. What were the results?**
4. Maintenance of a good working relationship between project and contractor personnel in the area of work zone traffic control:

   The preconstruction conference included a discussion of work zone traffic controls and responsible persons were named, including the 24-hour call number. **Describe how problems were anticipated, resulting strategies were devised, and how they were implemented during the course of the project.**

   If Extraordinary Enforcement was used, was the state patrol was involved in the preconstruction meeting and strategies for patrol placement, enforcing speed limits, etc. were discussed. **Describe the problems that were encountered once the project began and how these problems were dealt with.**

   There was regular contact between project and contract personnel to discuss work zone traffic control issues. **Include copies of appropriate IDR or daily diaries.**
5. Communication/Public Relations:

_____ Kept all affected emergency services such as police, fire, ambulance, etc. informed of project progress and traffic restrictions. Include examples of correspondence, if possible.

_____ Worked with local highway agencies to anticipate and solve traffic problems created by project. For example, detours, alternate routes, haul roads, intersections. Please describe.

_____ Kept the public advised, through the news media, of the scope and progress of the project. Please include any articles or pamphlets and brochures published. Describe examples of local or statewide media efforts.
6. Crash information used to improve traffic controls:

___ All work zone traffic crashes were documented in the project file. Please include copies of crash reports or other documentation in the project file.

___ There was regular contact with State Patrol and local law enforcement to collect crash reports or determine problem areas within the project.

___ All crashes were reported to the District Construction Engineer.

___ Reported crashes were investigated and proper actions were taken to correct any deficiencies. Please include any documentation regarding any changes made to the traffic controls. Also include details on the process used for accident investigation.

Please provide name, address and phone number of the individual completing this form.

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

RETURN PROJECT SUBMITTAL TO DAN SPRENGELER
BY Friday, December 13, 2019

Submit