



**SPECIAL PROVISION  
FOR  
EMERGENCY ACTION PLAN**

**Pottawattamie County  
IM-NHS-029-3(256)53--03-78**

**Effective Date  
September 17, 2019**

**THE STANDARD SPECIFICATIONS, SERIES 2015, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.**

**150563.01 DESCRIPTION.**

- A. Levee Unit Name:** Council Bluffs Levee Unit II, Section 1  
Missouri river – Council Bluffs Flood Protection
- Local Sponsor:** City of Council Bluffs, Iowa
- River Miles:** M0.00 to about M0.20
- Levee Stations:** 410+00 to 428+24
- Project Name:** Council Bluffs Interstate System – Segment 2  
Reconstruction of I-29 and Nebraska Avenue Interchange  
Contract Package D-1  
Pottawattamie County, Iowa
- B.** The Iowa Department of Transportation is proceeding with the reconstruction of the I-29 and Nebraska Avenue Interchange (Segment 2) as a part of the Council Bluffs Interstate System. The work for Segment 2 involves the construction of new roadway, bridge structures, roadway lighting, and traffic sign structures. A large portion of the construction will take place within the “critical area” of the levee, which is defined by the USACE as the area within 300 feet riverward and 500 feet landward of the levee.
- C.** The levee affected by this construction is the Council Bluffs Levee Unit II, Section 1, which was a part of the Council Bluffs Flood Protection System that was originally designed and constructed by the Omaha District of the U.S. Army Corps of Engineers (USACE) in the early 1950s.
- D.** The City of Council Bluffs operates a private industrial levee riverward of the federal levee. The top of the private industrial levee is about 3 feet lower than the federal levee.
- E.** The purpose of this Special Provision is:
- To identify the submittals required by the Contractor for compliance with the Section 408 submittal to the United States Army Corps of Engineers (USACE),

- State the Section 408 submittal limitations on work in the levee critical area,
- Establish the minimum monitoring requirements,
- Establish the emergency response in case of a flood event, and
- Establish the restoration requirements for damage to the levee critical area.

A copy of the Section 408 submittal is available from the Engineer.

## **150563.02 CONSTRUCTION REQUIREMENTS.**

### **A. Preparation of Emergency Action Plan.**

1. The proposed construction will be performed during flood and non-flood event periods. The potential does exist for the Missouri River to rise to flood level during the proposed construction and provisions will be in place to address this potential.
2. Prior to construction, the Contractor shall prepare and follow an Emergency Action Plan (EAP) which will address the requirements presented in this document and the procedures for high water conditions during construction. The EAP shall include emergency contact information, including cell phone and pager numbers of the project manager, project superintendent and foreman. The numbers provided shall be monitored 24 hours a day, 7 days a week.

### **B. Submittals.**

1. The following submittals are required:
  - Emergency Action Plan, and
  - Proposed modifications to the approved plans and specifications, if needed.
2. Submittals will be reviewed by the Engineer, the City of Council Bluffs, and the USACE.
3. Any modifications to the approved plans and specifications proposed by the Contractor for construction activities located in the levee critical area, such as: changes to staging, excavation depths, shoring, haul routes, levee access, addition of a temporary stream crossings, or groundwater dewatering must be submitted to the Engineer for approval.

### **C. Limitations.**

The Contractor must ensure that the proposed construction will not involve any additional landward or riverward excavations in the critical area that may impact the levee at any time during construction except as shown in the approved plans and specifications.

## **150563.03 CONTRACTOR'S EMERGENCY ACTION PLAN.**

### **A. Contents of EAP.**

1. The contents of the Contractor's EAP will present a detailed staging plan and all provisions in the Contract Documents so that the integrity of the levee system and its ability to provide flood protection will be maintained throughout the entire duration of construction. A site map shall be provided in the EAP that identifies the location of:
  - Drainage District Right-of-Way (provided by the Engineer),
  - Levee centerline with stationing (provided by the Engineer),
  - 500-foot landward and 300-foot riverward critical area (provided by the Engineer),
  - Proposed haul routes, and
  - Proposed construction within the levee critical area.
2. The EAP shall be submitted prior to construction within the levee critical.

**B. Procedures.**

The following procedures shall be in place to address an emergency situation:

**1. Daily Monitoring.**

The water level in the Missouri River shall be monitored on a daily basis by the Contractor and recorded in the daily construction log. The extended forecast of future river levels shall also be monitored and recorded in the daily construction log. The Contractor shall be able to react quickly to the required actions described in this Special Provision.

**2. Monitoring Agencies.**

The river level shall be monitored through USGS and National Weather Service websites for River Gage - 06610000 Missouri River at Omaha, NE.

- [http://waterdata.usgs.gov/ne/nwis/uv/?site\\_no=06610000&](http://waterdata.usgs.gov/ne/nwis/uv/?site_no=06610000&)
- <http://www.riverwatch.noaa.gov/forecasts/OAXRDOAX.php>

**3. Ceasing Operation.**

Construction operations within 15 feet of the levee shall cease in the event the river levels reach the published action level of 25 feet. Coordinate with the Engineer, City of Council Bluffs, and USACE to determine timing and sequence of activities, as appropriate for returning to working following the receding of flood waters. When the flood waters recede and if repairs are needed, complete repairs, as directed by the Engineer, City of Council Bluffs, and USACE. Remove debris that has been deposited in the work areas.

**4. Construction Equipment.**

The Contractor shall provide a list of all construction equipment and material stockpiles that will be stored on the riverward side of the levee or within 15 feet of the levee. All equipment, construction materials and stockpiled soils on the riverward side of the levee will be removed in the event the river levels reach the published flood stage of 29 feet.

**150563.04 EMERGENCY CONTACT INFORMATION.****A. City of Council Bluffs.**

Jeff Krist, P.E.  
City of Council Bluffs, Public Works Dept.  
290 Pearl Street  
Council Bluffs, Iowa 51503  
Phone: 712-328-4635 (office)  
Email: [jkrist@councilbluffs-ia.gov](mailto:jkrist@councilbluffs-ia.gov)

Pat Miller, Operations Manager  
Phone: 402-510-2700 (cell)

Jeremy Noel, Levee Superintendent  
Phone: 402-968-7301 (cell)

**B. Iowa DOT Resident Construction Engineer.**

David Dorsett, P.E.  
3538 S. Expressway  
Council Bluffs, Iowa 51501  
Phone: 712-366-0568  
Email: [David.Dorsett@dot.iowa.gov](mailto:David.Dorsett@dot.iowa.gov)

**C. Iowa DOT District 4 Construction Engineer.**

Dan Redmond, P.E.  
2210 East 7th Street  
Atlantic, Iowa 50022

Phone: 712-243-7628  
Email: Daniel.Redmond@dot.iowa.gov

**D. Section 408 Engineer.**

Patrick H. Poepfel, P.E.  
HDR, Inc.  
1917 S. 67<sup>th</sup> Street  
Omaha, NE 68106  
Phone: 402-399-1368  
Email: Patrick.Poepfel@hdrinc.com

**E. USACE – Omaha District.**

24-Hour Emergency Contact  
Phone: (402) 995-2448  
Email: [cenwo-eoc@usace.army.mil](mailto:cenwo-eoc@usace.army.mil)

FRRP Section 408 Coordinator  
Jennifer Gitt  
USACE – Readiness Branch  
1616 Capitol Avenue, Suite 9000  
Omaha, Nebraska 68102-4926  
Phone: 402-995-2443  
Email: Jennifer.L.Gitt@usace.army.mil

**F. Contractor.**

Provide primary and secondary contact information for project manager, project superintendent, and foreman.

**150563.05 METHOD OF MEASUREMENT AND BASIS OF PAYMENT.**

All costs for complying with this special provision including the preparation of the EAP, inclusion of submittals with the EAP, project coordination, monitoring, emergency actions, and any other item associated with implementation of the EAP shall be considered incidental to the project. No separate payment will be made.