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U.S. Army Corps of Engineers (USACE)

APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT

33 CFR 325. The proponent agency is CECW-CO-R.

Form Approved - OMB No. 0710-0003 Expires: 02-28-2022

The public reporting burden for this collection of information, OMB Control Number 0710-0003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR APPLICATION TO THE ABOVE EMAIL.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: http://dpcld.defense.gov/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE

(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME	8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required)
First - Craig Middle - Last - Bouska	First - Scott Middle - Last - Almeida
Company - City of Des Moines	Company - Kirkham Michael
E-mail Address - cmbouska@dmgov.org	E-mail Address - salmeida@kirkham.com
6. APPLICANT'S ADDRESS:	9. AGENT'S ADDRESS:
Address- City Hall - 400 Robert D. Ray Drive	Address- 4390 114th Street
City - Des Moines State - Iowa Zip - 50309 Country - USA	City - Urbandale State - Iowa Zip - 50322 Country - USA
7. APPLICANT'S PHONE NOs. w/AREA CODE	10. AGENTS PHONE NOs. w/AREA CODE
a. Residence b. Business c. Fax	a. Residence b. Business c. Fax
515-208-4580 515-283-4580	515-270-1067 515-270-0848

STATEMENT OF AUTHORIZATION

11. I hereby authorize, Scott Almeida to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

Craig Bouska — Digitally signed by Craig Bouska Date: 2023.02.20 14:19:18 -06'00' — 2023-02-20

SIGNATURE OF APPLICANT — DATE

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE (see instructions)
Southeast Connector From SE 30th Street to US 65

13. NAME OF WATERBODY, IF KNOWN (if applicable)	14. PROJECT STREET ADDRESS (if applicable)
Fourmile Creek	Address SE 30th Street to US 65
15. LOCATION OF PROJECT	City - Des Moines State- Iowa Zip- 50327
Latitude: ◦N 41.572096 Longitude: ◦W -93.525209	

16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions)

State Tax Parcel ID 7823.08.640.005 Municipality City of Des Moines

Section - 08 Township - 78 North Range - 23 West

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17. DIRECTIONS TO THE SITE

This project consists (Southeast Connector Project) of the construction of E. MLK Blvd to Highway 65. This project consists of the construction of the roadway as well as the utility improvements. This project also has the reconstruction of the Four Mile Creek Levee in two areas that will accommodate the proposed roadway. This project also consist of the construction of a bridge that will connect the east and west areas over Fourmile creek. This will require the realignment of the Fourmile Creek under the proposed bridge that was recommended by the Army Corp of Engineers in the design process. The realignment will aide with flooding as well as the overall hydraulics of the channel outlines in the BOD report for the proposed levee realignment.

18. Nature of Activity (Description of project, include all features)

The nature of the activities will include the dredging of the creek channel to realign it in a manner that is more perpendicular to the roadway alignment. This will provide for a more efficient flow through this area, there will also be the implementation of scour reducing and bank stabilization features in this area. This area has a high tendency to erode the banks down stream of the RR bridge and the realignment will aide in the reduction of this. There will also be the reconstruction of the level and the RR closure structure in this area. The implementation of bank armoring will be implemented through the cut-banks of the channel improvements to prevent erosion and improve water quality. This will include Class "D" Rip-Rap and well as geo-grid material.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

The purpose of the project provide access for the E. MLK Blvd to HWY 65 that now terminates at the Fourmile Creek. The second purpose for this project is to reduce the frequency and duration of flooding flooding along Fourmile Creek and to improve the water quality from the discharge system. These improvements will also provide protection to the community during flooding events to as well as reduce the damage that flooding may cause.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

The dredging of the channel will improve the hydraulic during flooding events as well as improve the erosion during flooding events. This will also provide better traffic flow in this area as well as access across the Fourmile Creek. The dredge material will be used on site and provide for the construction of the proposed bridge. If the dredged material is unsuitable for construction it will be wasted in the green spaces through out the project

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type Amount in Cubic Yards	Type Amount in Cubic Yards	Type Amount in Cubic Yards
Cut: 10917	Fill: 3095	Net Cut: 7822

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres 1.223

or

Linear Feet 886lf

23. Description of Avoidance, Minimization, and Compensation (see instructions)

The existing channel will be maintained and BMP's will be installed to eliminate the possibility of pollutants reaching the waterway. BMP's and erosion control will be implemented during the construction of the bridge and throughout the project to minimize sediment and erosion due to runoff and eliminate any material that will discharge into the channel. Any area of disturbance to the wetlands will be accounted for through the purchase of credits form the appropriate entities. The site has a total of 1.669838 acres of existing wetlands and 886 lf of channel realignment.

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24. Is Any Portion of the Work Already Complete? ☐ Yes ☒ No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- City of Des Moines - 400 Roberts D. Ray Dr

City - Des Moines State - Iowa Zip - 50309

b. Address- Phillips 66 Company - POB 5600

City - Bartesville State - Oklahoma Zip - 74005

c. Address- M&M Warehouse LC - 84 NW 68th PL

City - Ankeny State - Iowa Zip - 50023

d. Address- Taxation Department Norfolk Southern RY - 650 W. Peachtree St. NW

City - Atlanta State - Georgia Zip - 30308

e. Address- Larry Fleck - 1460 S. Shadyview Blvd

City - Pleasant Hill State - Iowa Zip - 50327

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
USACE	408 Permit				
USACE	401 Permit				
IDNR	NPDES				
FEMA	FPDP				

* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

Craig Bouska Digitally signed by Craig Bouska Date: 2023.02.20 14:19:52 -06'00' — 2023-02-20

SIGNATURE OF APPLICANT — DATE

Scott Almeida Digitally signed by Scott Almeida Date: 2023.02.21 08:07:09 -06'00' — 2023-02-21

SIGNATURE OF AGENT — DATE

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than $10,000 or imprisoned not more than five years or both.