CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

4(f)1

DATE: March 4, 2019

ITEM:

Resolution - Ordering Construction
2018 Channel Repair Program

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the 2018 Channel Repair Program is $169,079.00. Payments will be made from account no. 660.000.000.5250.490 with the ultimate funding intended to come from Stormwater Fee Revenue.

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, March 27, 2019 and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, April 1, 2019. The contract would be awarded on Monday, April 1, 2019 and work will begin shortly thereafter.

The project involves repairing impaired stream banks threatening City sanitary sewer infrastructure at three (3) locations and repairing deteriorating storm sewer outlets at four (4) locations throughout the City of West Des Moines. The project is anticipated to be completed by August 31, 2019.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution Ordering Construction of the 2018 Channel Repair Program.
- Fixing 2:00 p.m. on Wednesday, March 27, 2019 as the time and date for project Bid Letting.
- Ordering the City Clerk to publish notice of Letting and Public Hearing.

Lead Staff Member: Brian J. Hemesath, P.E., City Engineer BJH

STAFF REVIEWS

Department Director	Brian J. Hemesath, P.E., City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	RTG

PUBLICATION(S) (if applicable)

Published In	
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed	February 25, 2019		
Recommendation	Yes	No	Split

RESOLUTION ORDERING CONSTRUCTION AND NOTICE OF PUBLIC HEARING ON PLANS, SPECIFICATIONS, FORM OF CONTRACT, ESTIMATE OF COST, AND DIRECTING ADVERTISEMENT FOR BIDS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that the following described public improvement:

2018 Channel Repair Program
Project No. 0510-041-2018

is hereby ordered to be constructed according to the Plans and Specifications prepared by WHKS & Company of Ames, Iowa and now on file in the office of the City Clerk.

BE IT FURTHER RESOLVED, that the detailed Plans and Specifications, Form of Contract, Bid Security, and Notice to Bidders are hereby approved, subject to hearing thereon, and that the same are now on file in the office of the City Clerk for public inspection.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish notice of hearing on the Plans and Specifications, Form of Contract, Bid Security and Estimate of Costs for said project to be held at 5:35 p.m. on Monday, April 1, 2019 with said notice published not less than four (4) days nor more than twenty (20) days prior to the date heretofore fixed.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish Notice to Bidders for said project with publication not less than thirteen (13) days nor more than forty-five (45) days prior to the date for receiving bids. Said bids are to be filed prior to 2:00 p.m. on Wednesday, March 27, 2019.

BE IT FURTHER RESOLVED, that the bids received for construction of said improvements will be opened, publicly read and tabulated by the City Clerk, Deputy City Clerk, or City Clerk designee at 2:00 p.m. on Wednesday, March 27, 2019 and the results of said bids shall be considered at a meeting of this Council on Monday, April 1, 2019 at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED on this **4th** day of **March, 2019.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

FINAL ENGINEER'S ESTIMATE
2018 Channel Repair Program
Project No. 0510-041-2018

Item No.	Item Code	Item	Unit	Quantity	Unit Price	Total
DIVISION 2 - EARTHWORK						
2.1	2010-108-E-1	CLASS 10 EXCAVATION, BORROW	CY	112.0	$75.00	$8,400.00
2.2	2010-108-E-2	TEMPORARY STREAM CROSSING	EACH	1	$7,500.00	$7,500.00
DIVISION 4 - SITE WORK AND LANDSCAPING						
4.1	4020-108-A-1	STORM SEWER, REMOVED AND REPLACED, 27 INCH DIA.	LF	8.0	$150.00	$1,200.00
4.2	4020-108-C-1	STORM SEWER REMOVED, 27 INCH DIA.	LF	8.0	$30.00	$240.00
4.3	4030-108-B-1	CONCRETE PIPE APRON, 27 INCH DIA.	EACH	1	$1,500.00	$1,500.00
4.4	4030-108-B-2	CONCRETE PIPE APRON, 27 INCH DIA., REMOVE EXISTING AND REINSTALL	EACH	1	$300.00	$300.00
4.5	4030-108-B-3	CONCRETE PIPE APRON, 60 INCH DIA., REMOVE EXISTING AND REINSTALL	EACH	1	$1,500.00	$1,500.00
4.6	4030-108-C-1	FOOTINGS FOR CONCRETE PIPE APRONS	EACH	3	$1,200.00	$3,600.00
DIVISION 7 - STREETS AND RELATED WORK						
7.1	7030-108-A-1	REMOVE AND REPLACE SIDEWALK, PCC, 4"	SY	48.0	$100.00	$4,800.00
7.2	7030-108-C-1	REMOVE AND REPLACE RECREATIONAL TRAIL, PCC, 6", REINFORCED	SY	55.6	$140.00	$7,784.00
7.3	7030-108-C-2	REMOVE AND REPLACE DRIVEWAY, HMA, 6"	SY	53.3	$180.00	$9,594.00
7.4	7030-108-C-3	REMOVE AND REPLACE DRIVEWAY, PCC, 6"	SY	26.7	$120.00	$3,204.00
DIVISION 8 - TRAFFIC CONTROL						
8.1	8030-108-A-1	TEMPORARY TRAFFIC CONTROL	LS	1.00	$7,500.00	$7,500.00
DIVISION 9 - SITE WORK AND LANDSCAPING						
9.1	9010-108-A-1	NATIVE GRASS SEEDING	ACRE	0.22	$5,000.00	$1,100.00
9.2	9010-108-B-1	SEEDING AND FERTILIZING	ACRE	0.40	$4,000.00	$1,600.00
9.3	9020-108-A-1	SODDING	SQ	68.3	$130.00	$8,879.00
9.4	9040-108-D-1	FILTER SOCKS, 12 INCH	LF	250.0	$7.50	$1,875.00
9.5	9040-108-E-1	TEMPORARY ROLLED EROSION CONTROL PRODUCT (RECP), TYPE 1C	SY	1,040.0	$5.00	$5,200.00
9.6	9040-108-J-1	RIP RAP, CLASS B REVETMENT	TON	705.5	$65.00	$45,857.50
9.7	9040-108-J-2	RIP RAP, CLASS D REVETMENT	TON	234.3	$80.00	$18,744.00
9.8	9040-108-J-3	RIP RAP, CLASS E REVETMENT	TON	69.8	$95.00	$6,631.00
9.9	9040-108-J-4	RIP RAP, EROSION STONE	TON	43.3	$110.00	$4,763.00
9.10	9040-108-O-1	STABILIZED CONSTRUCTION ENTRANCE	SY	254.5	$35.00	$8,907.50
9.11	9040-108-Q-1	EROSION CONTROL MULCHING, HYDROMULCHING	ACRE	0.62	$3,000.00	$1,860.00
9.12	9040-108-T-1	INLET PROTECTION DEVICE, DROP-IN INTAKE PROTECTION	EACH	12.00	$350.00	$4,200.00
9.13	9040-108-T-2	INLET PROTECTION DEVICE, MAINTENANCE	EACH	12.00	$75.00	$900.00
9.14	9060-108-D-1	REMOVAL AND REINSTALLATION OF EXISTING FENCE, BLACK PVC COATED	LF	48.00	$30.00	$1,440.00

Total Engineer's Construction Cost Estimate: $169,079.00

LICENSED PROFESSIONAL ENGINEER
BRIAN J. BIRKLAND
17375
IOWA

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

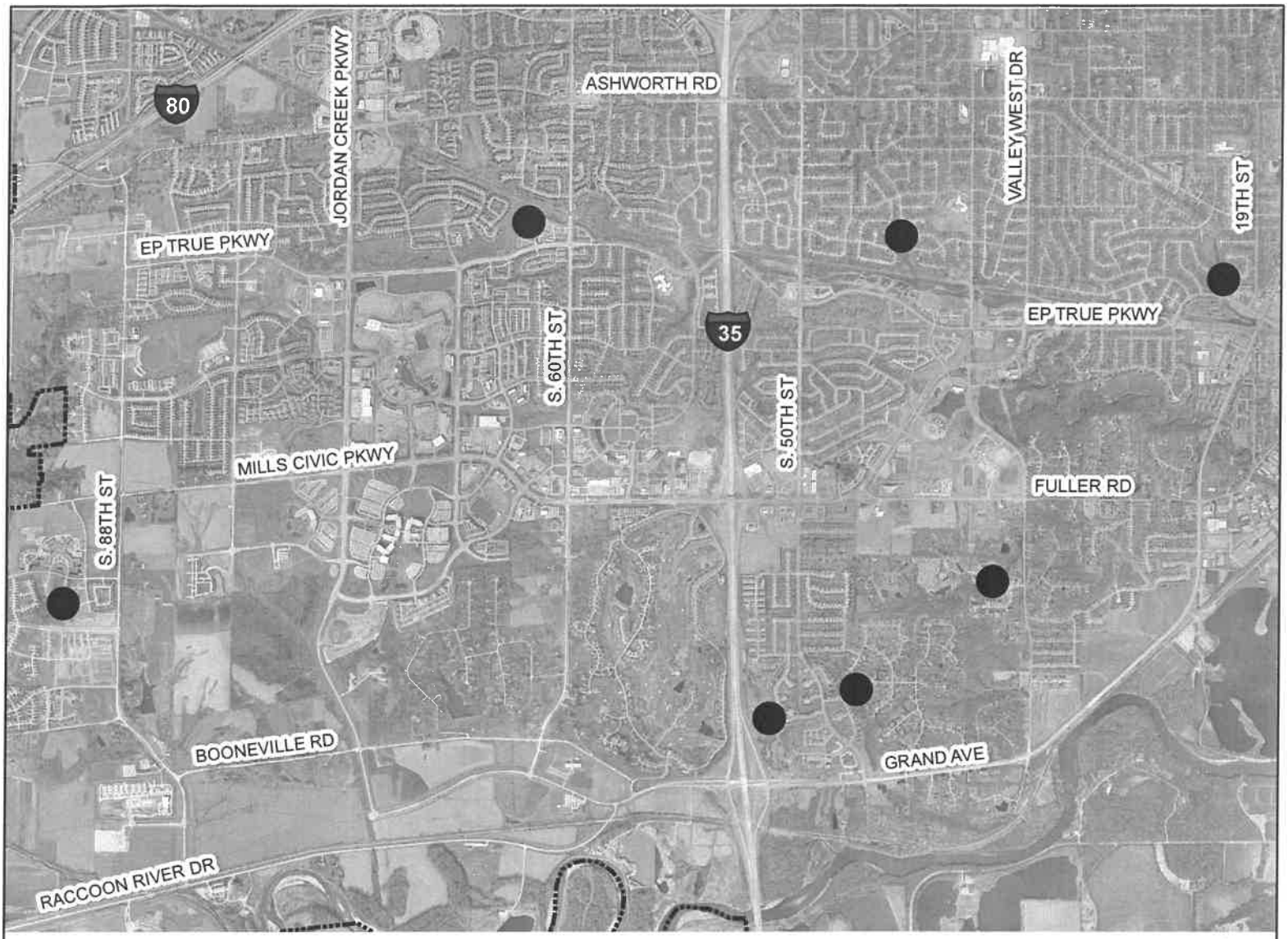
Brian J. Birkland 2-25-19
Brian J. Birkland, P.E. Date

License number: 17375

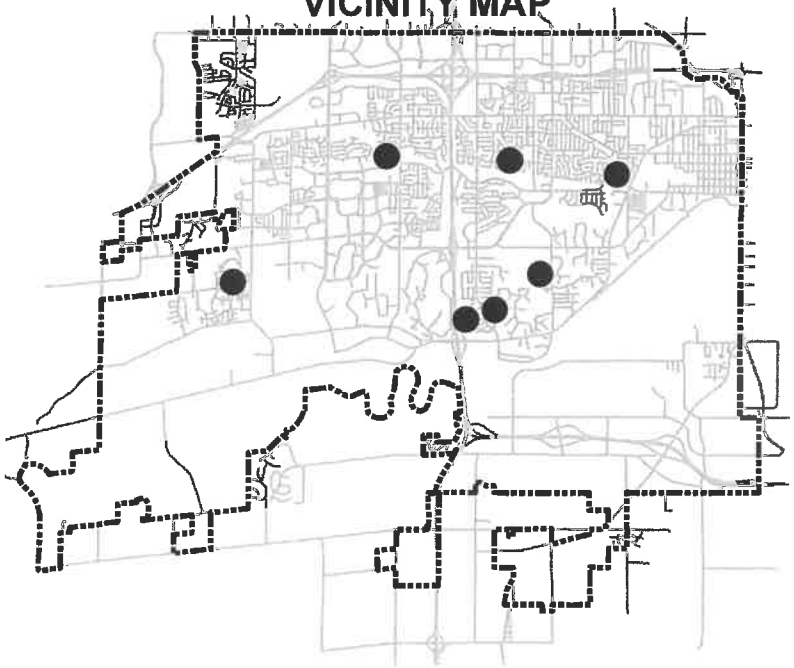
My license renewal date is December 31, 2020

Pages or sheets covered by this seal: Sheet 1 of 1

whks
engineers • planners • landsurveyors



VICINITY MAP



LEGEND

PROJECT LOCATION ●

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT: **2018 Channel Repair Program**			
LOCATION: **Various Locations**			
DRAWN BY: JDR	DATE: 2/27/2019	PROJECT NUMBER/NAME: 0510-041-2018	SHT. 1 of 1