F9a

City of Hiawatha

Engineering Department

101 Emmons St., Hiawatha Iowa, 52233-1697
PHONE (319) 393-1515 ext. 511 FAX (319) 393-1516

To: **Mayor and City Council** **Date:** **May 9, 2019**

From: John C Bender PE, City Engineer

Re: **2019 Midtown Street and Utility Project**

Description: **Set Notice of Public Hearing and Notice to Bidders**

Report:

Hiawatha has contracted with MMS Engineers to prepare the plans and specifications for the 2019 Midtown Street and Utility Project. This includes the extension of the existing "A" Avenue approximately 300 feet to the north, and then a new public street extension back to Robins Road for approximately 650 feet. The proposed design and construction contract for these two new public street extensions also include the sewer and water services needed for the new Midtown Redevelopment project. The proposed project will include the construction of approximately the following:

- 950 feet of concrete street
- 1100 feet water main and required valves and hydrants
- 800 feet of sanitary sewer and required manholes
- 800 feet of storm sewer and intakes
- Various service connections to future lots
- Miscellaneous construction to meet current design standards
- Construction cost is estimated at approximately $600,000.00
- The project schedule:
  - Set Public hearing May 15, 2019
  - Take bids June 18, 2019
  - Public hearing June 19, 2019, approve plans, specifications, contract, estimate of cost
  - Council award contract and bond June 19, 2019
  - Early Start date July 1, 2019
  - Complete project by November 15, 2019

The plans for this project are approximately 80% complete. We have several revisions that need to be added. However due to the fact that Council does not meet until June 5th, we wanted to get the plans

and cost opinions to Council this week and authorize the bidding schedule in order to receive bids from contractors in June.

Engineering has reviewed the plans and specifications and recommend we move forward with the project calendar. Any further questions please let me know.

City Center

Submitted by:
Side By Side, LLC
Keith Billick
(319) 450-3861

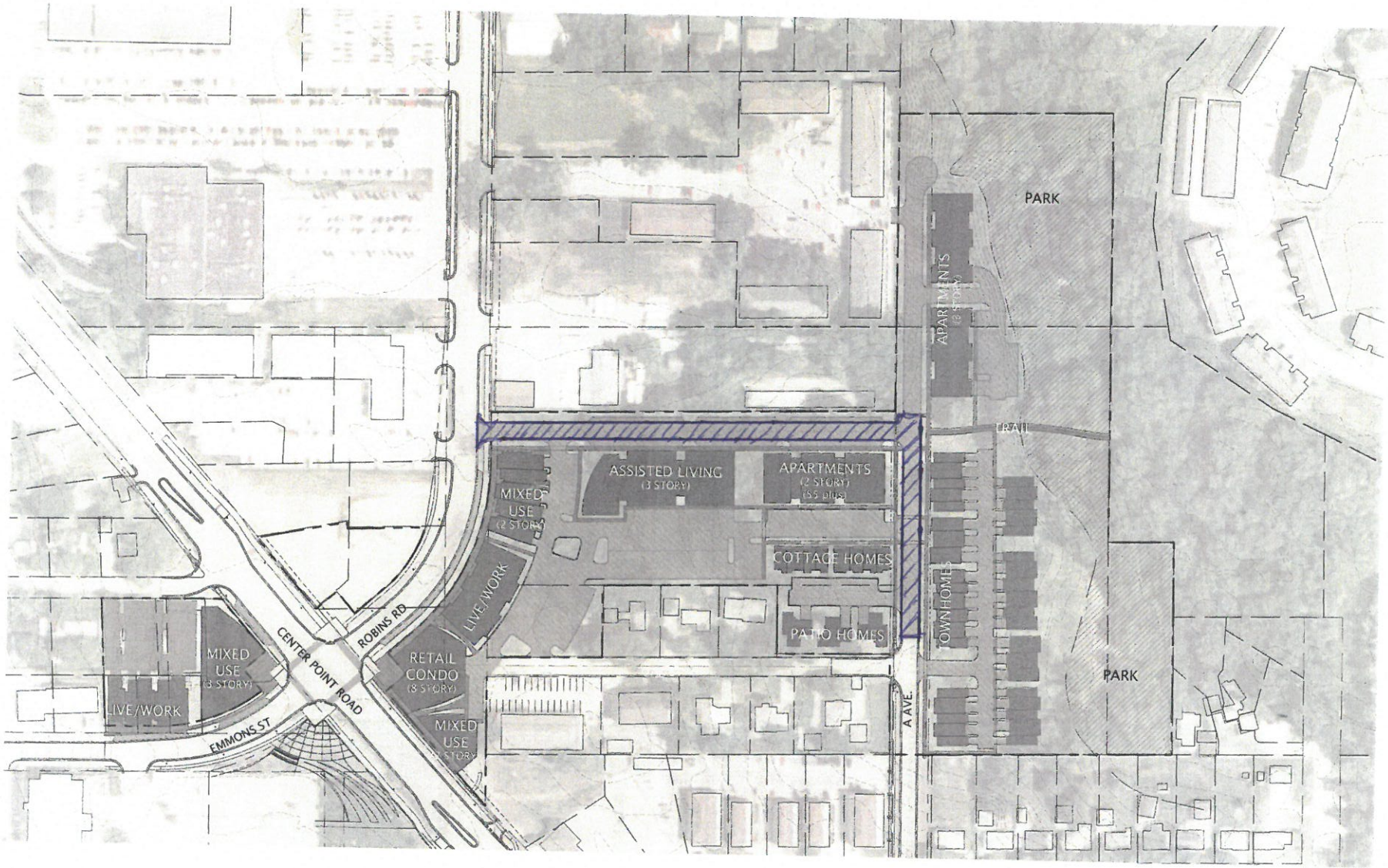


EXHIBIT B

NORTH
Scale: NTS

CONCEPT SITE PLAN - OAKBROOK

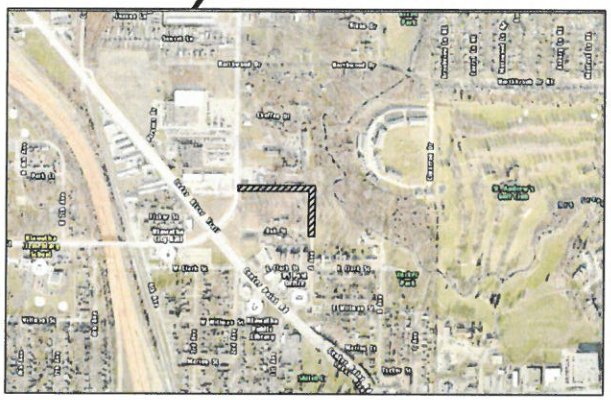
DATE: 10/16/2018

SIDE BY SIDE

2019 HIAWATHA MIDTOWN UTILITY AND STREET PROJECT

HIAWATHA, IOWA

Project Location Map



Location Map Not To Scale

STANDARD LEGEND AND NOTES

- PROPERTY &/or BOUNDARY LINES
- CONGRESSIONAL SECTION LINES
- RIGHT-OF-WAY LINES
- EXISTING RIGHT-OF-WAY LINES
- CENTER LINES
- EXISTING CENTER LINES
- LOT LINES, INTERNAL
- LOT LINES, PLATTED OR BY DEED
- PROPOSED EASEMENT LINES
- EXISTING EASEMENT LINES
- BENCHMARK
- RECORDED DIMENSIONS
- CURVE SEGMENT NUMBER
- POWER POLE
- POWER POLE W/DROP
- POWER POLE W/TRANS
- POWER POLE W/LIGHT
- GUY POLE
- LIGHT POLE
- SANITARY MANHOLE
- FIRE HYDRANT
- WATER VALVE
- DRAINAGE MANHOLE
- CURB INLET
- FENCE LINE
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- WATER LINES
- ELECTRICAL LINES
- TELEPHONE LINES
- GAS LINES
- CONTOUR LINES (1' INTERVAL)
- PROPOSED GROUND
- EXISTING TREE LINE
- EXISTING DECIDUOUS TREE & SHRUB
- EXISTING EVERGREEN TREES & SHRUBS

THE ACTUAL SIZE AND LOCATION OF ALL PROPOSED FACILITIES SHALL BE VERIFIED WITH CONSTRUCTION DOCUMENTS, WHICH ARE TO BE PREPARED AND SUBMITTED SUBSEQUENT TO THE APPROVAL OF THIS DOCUMENT.

Sheet Index

C1.0	TITLE SHEET
C1.1	GENERAL NOTES AND DETAILS
C1.2	TYPICAL CROSS SECTIONS & FIRE HYDRANT
C1.3	ESTIMATED PROJECT QUANTITIES
C1.4	ESTIMATE REFERENCE INFORMATION
C2.0	DEMOLITION PLAN
C3.0	GRADING AND EROSION CONTROL PLAN AND SWPPP
C3.1	GRADING AND EROSION CONTROL PLAN AND SWPPP
C4.0	PAVING PLAN AND PROFILE: NEW ROAD
C4.1	PAVING PLAN AND PROFILE: A AVENUE
C5.0	SANITARY SEWER PLAN AND PROFILE
C6.0	STORM SEWER PLAN AND PROFILE
C6.1	STORM SEWER PLAN AND PROFILE
C7.0	WATER MAIN PLAN
C8.0	INTERSECTION DETAILS: NEW ROAD AND ROBINS ROAD
C8.1	INTERSECTION DETAILS: NEW ROAD AND A AVENUE

UTILITY COMPANY CONTACTS

SERVICE	SUPPLIER	PHONE NO.
TELEPHONE & CABLE TV	CENTURYLINK ATTN: TOM STURMER	319-399-7600(W SIDE) 319-399-7407(E SIDE)
TELEPHONE & CABLE TV	MEDIACOM	BUS: 319-393-9689 LOC: 800-292-8989
TELEPHONE & CABLE TV	WINDSTREAM	BUS: 641-269-7725 LOC: 800-292-8989
TELEPHONE & CABLE TV	IMON	319-261-4670
TELEPHONE & CABLE TV	UNITED PUBLIC NETWORKS	BUS: 515-414-3538 LOC: 866-813-3608
TELEPHONE & CABLE TV	IOWA NETWORK SERVICES	515-230-2395
ENGINEERING DEPT	CITY OF HIAWATHA	319-362-9548
PUBLIC WORKS	CITY OF HIAWATHA	319-393-1515
POLICE	CITY OF HIAWATHA	319-393-1212
FIRE	CITY OF HIAWATHA	319-393-4180
NATURAL GAS	MIDAMERICAN ENERGY	319-298-5182
ELECTRICITY	ALLIANT ENERGY	319-786-1912
WATER	CITY OF HIAWATHA	319-393-5556
SEWER	CITY OF HIAWATHA ATTN: LINDA J. BENDIXEN	319-393-1515

MAYOR AND CITY COUNCIL
BILL BENNETT (MAYOR)
DENNY NORTON
MARTY BRUNS
AIME WICHTENDAHL
DICK OLSON
BOB RAMPULLA

UTILITIES

THE CONTRACTOR SHALL NOTIFY IOWA ONE CALL NO LESS THAN 48 HRS. IN ADVANCE OF ANY DIGGING OR EXCAVATION.

WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.

LICENSED PROFESSIONAL ENGINEER
SCOTT B. POTTORFF 16932
IOWA
SEAL

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

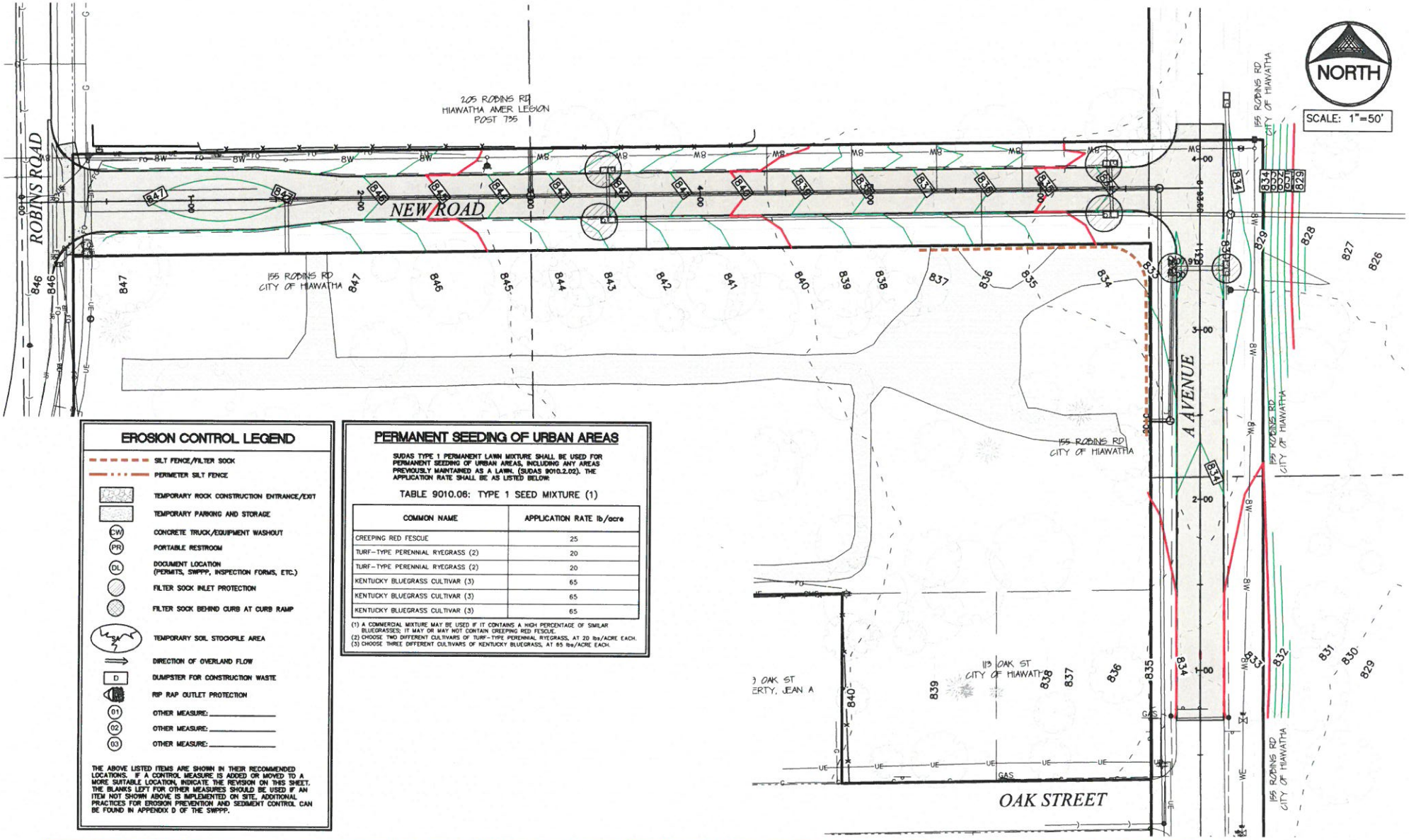
_____ 20___
SCOTT B. POTTORFF P.E. Iowa Lic. No. 16932

My license renewal date is December 31, 20___.

Pages or sheets covered by this seal:

DRAFT

Drawn By: JEB/DLC Approved By: SBP Date: 05-09-2019		Project No. 5671-003	CIVIL ENGINEERS LAND PLANNERS LAND SURVEYORS LANDSCAPE ARCHITECTS ENVIRONMENTAL SPECIALISTS	1917 S. GILBERT ST. IOWA CITY, IOWA 52240 (319) 351-8282 www.mmsconsultants.net	2019 HIAWATHA MIDTOWN UTILITY AND STREET PROJECT HIAWATHA, IA	TITLE SHEET	Sheet No. C1.0



EROSION CONTROL LEGEND

- SILT FENCE/FILTER SOCK
- PERIMETER SILT FENCE
- TEMPORARY ROCK CONSTRUCTION ENTRANCE/EXIT
- TEMPORARY PARKING AND STORAGE
- CW — CONCRETE TRUCK/EQUIPMENT WASHOUT
- PR — PORTABLE RESTROOM
- DL — DOCUMENT LOCATION (PERMITS, SWPPP, INSPECTION FORMS, ETC.)
- FILTER SOCK INLET PROTECTION
- FILTER SOCK BEHIND CURB AT CURB RAMP
- TEMPORARY SOIL STOCKPILE AREA
- DIRECTION OF OVERLAND FLOW
- D — DUMPSTER FOR CONSTRUCTION WASTE
- RIP RAP OUTLET PROTECTION
- 01 — OTHER MEASURE: _____
- 02 — OTHER MEASURE: _____
- 03 — OTHER MEASURE: _____

THE ABOVE LISTED ITEMS ARE SHOWN IN THEIR RECOMMENDED LOCATIONS. IF A CONTROL MEASURE IS ADDED OR MOVED TO A MORE SUITABLE LOCATION, INDICATE THE REVISION ON THIS SHEET. THE BLANKS LEFT FOR OTHER MEASURES SHOULD BE USED IF AN ITEM NOT SHOWN ABOVE IS IMPLEMENTED ON SITE. ADDITIONAL PRACTICES FOR EROSION PREVENTION AND SEDIMENT CONTROL CAN BE FOUND IN APPENDIX D OF THE SWPPP.

PERMANENT SEEDING OF URBAN AREAS

SUDAS TYPE 1 PERMANENT LAWN MIXTURE SHALL BE USED FOR PERMANENT SEEDING OF URBAN AREAS, INCLUDING ANY AREAS PREVIOUSLY MAINTAINED AS A LAWN. (SUDAS 9010.2.02). THE APPLICATION RATE SHALL BE AS LISTED BELOW:

TABLE 9010.06: TYPE 1 SEED MIXTURE (1)

COMMON NAME	APPLICATION RATE lb/acre
CREEPING RED FESCUE	25
TURF-TYPE PERENNIAL RYEGRASS (2)	20
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KENTUCKY BLUEGRASS CULTIVAR (3)	65
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(1) A COMMERCIAL MIXTURE MAY BE USED IF IT CONTAINS A HIGH PERCENTAGE OF SIMILAR BLUEGRASSES; IT MAY OR MAY NOT CONTAIN CREEPING RED FESCUE.
(2) CHOOSE TWO DIFFERENT CULTIVARS OF TURF-TYPE PERENNIAL RYEGRASS, AT 20 lbs/ACRE EACH.
(3) CHOOSE THREE DIFFERENT CULTIVARS OF KENTUCKY BLUEGRASS, AT 65 lbs/ACRE EACH.

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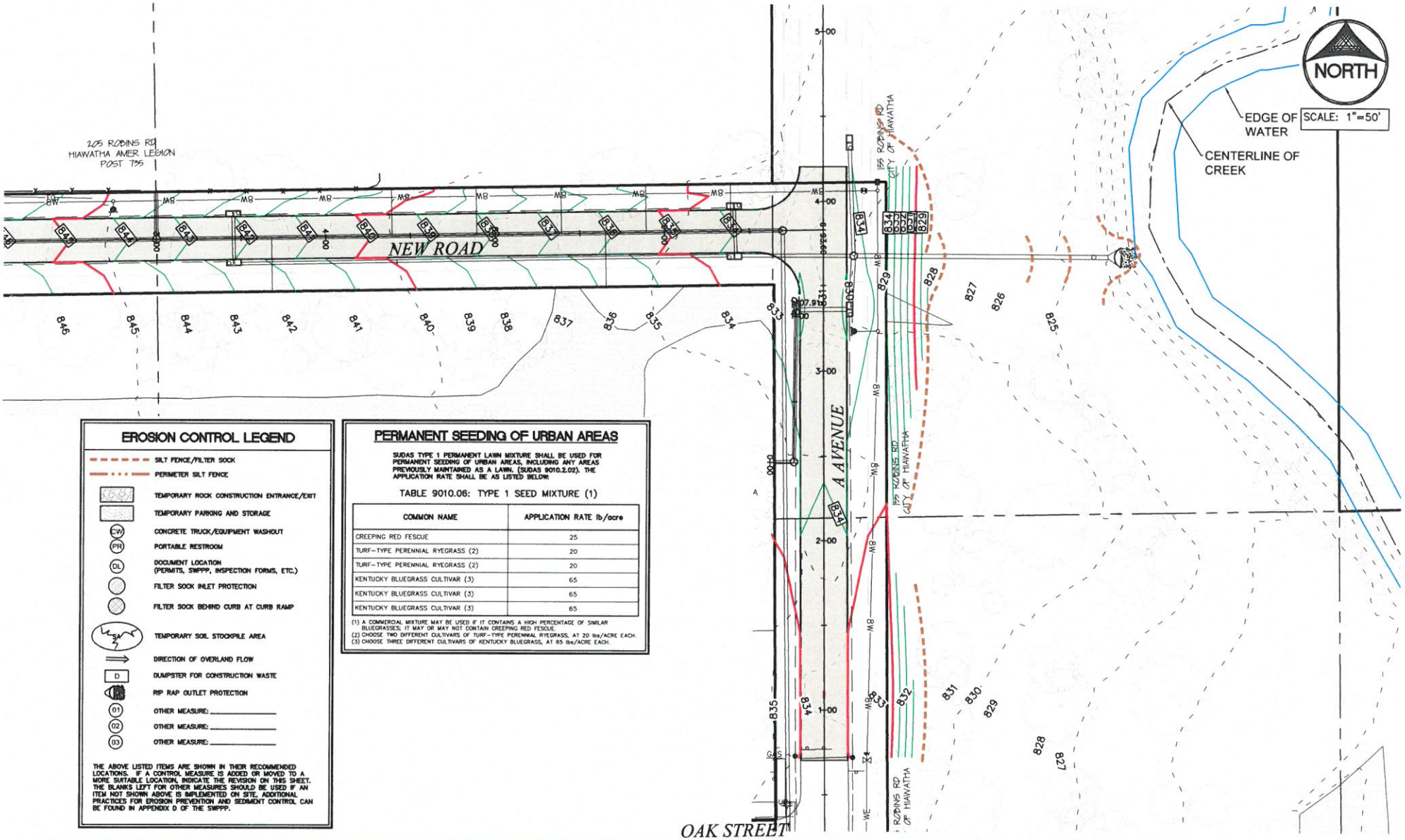

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2019 Hiawatha Midtown Utility and Street Project								
No.	Item Code	Item	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
1	2010-108-C-0	Removal of Tree	16	EA			$500.00	$ 8,000.00
2	2010-108-E-0	Excavation, Class 10, Onsite	5,000	CY			$5.00	$ 25,000.00
3	2010-108-F-0	Below Grade Excavation (Core Out)	250	CY			$40.00	$ 10,000.00
4	2010-108-G-0	Subgrade Preparation	3,742	SY			$2.00	$ 7,484.00
5	2010-108-I-0	Subbase, Modified, 4" Thick Rock for PCC Sidewalk	19	SY			$10.00	$ 190.00
6	2010-108-I-0	Subbase, Modified, 6" Thick Rock for PCC Paving	3,742	SY			$10.00	$ 37,420.00
7	2010-108-I-0	Geogrid, Type 1	3,742	SY			$2.50	$ 9,355.00
8	3010-108-C-0	Trench Foundation	100	TONS			$25.00	$ 2,500.00
9	3010-108-D-0	Replacement of Unsuitable Backfill Material, Granular Backfill	100	CY			$50.00	$ 5,000.00
10	3010-108-F-0	Trench Compaction Testing	1	LS			$2,500.00	$ 2,500.00
11	3010-108-E-0	Granular Trench Backfill, Porous Backfill, 18" Storm Sewer	459	LF			$15.00	$ 6,885.00
12	3010-108-E-0	Granular Trench Backfill, Class A Crushed Stone, 18" Storm Sewer	120	LF			$15.00	$ 1,800.00
13	4010-108-A-1	Sanitary Sewer, Trenched, PVC Truss, 8" Dia.	926	LF			$40.00	$ 37,040.00
14	4020-108-A-1	Storm Sewer, Trenched, RCP, 15" Dia.	356	LF			$40.00	$ 14,240.00
15	4020-108-A-1	Storm Sewer, Trenched, RCP, 18" Dia.	228	LF			$50.00	$ 18,540.00
16	4020-108-A-1	Storm Sewer, Trenched, RCP, 24" Dia.	201	LF			$75.00	$ 18,540.00
17	4030-108-B-3	Flared End Section, RCP, 24"	1	EA			$1,000.00	$ 1,000.00
18	4040-108-A-0	Longitudinal Subdrain, Type 2, 6"	1,380	LF			$10.00	$ 13,800.00
19	4040-108-C-0	Subdrain Cleanout, Type A-1	4	EA			$250.00	$ 1,000.00
20	4040-108-D-0	Subdrain Outlet, Connection to Structure	4	EA			$500.00	$ 2,000.00
21	5010-108-A-1	Water Main, 8", PVC DR-18	1,017	LF			$35.00	$ 35,595.00
22	5010-108-A-2	Water Main, Trenchless, 8", Restrained Joint PVC DR-18	89	LF			$75.00	$ 6,675.00
23	5010-108-C-1	Connect to Exist Water Main	1	EA			$500.00	$ 500.00
24	5020-108-A-0	Gate Valve, 8"	3	EA			$1,000.00	$ 3,000.00
25	5020-108-B-0	Tapping Sleeve, 8" x 8"	1	EA			$2,500.00	$ 2,500.00
26	5020-108-C-0	Fire Hydrant Assembly	2	EA			$5,500.00	$ 11,000.00
27	5020-108-C-0	Water Main Blow Off	1	EA			$1,500.00	$ 1,500.00
28	6010-108-A-0	Sanitary Manhole, Type SW-301, 48" Dia	3	EA			$4,500.00	$ 13,500.00
29	6010-108-B-0	Storm Sewer Manhole, Type SW-401-48", with SW-604 Type 3B Grate	2	EA			$3,500.00	$ 7,000.00
30	6010-108-B-0	Storm Intake, Type SW-509	6	EA			$5,000.00	$ 30,000.00
31	6010-108-H-0	Remove Existing Storm Intake Top	1	EA			$2,500.00	$ 2,500.00
32	7010-108-A-0	PCC Pavement, 7"	2,899	SY			$40.00	$ 115,960.00
33	7010-108-A-0	PCC Pavement, Colored, 7"	360	SY			$75.00	$ 24,750.00
34	7030-108-A-0	Removal of Sidewalk	73	SY			$10.00	$ 730.00
35	7030-108-E-0	PCC Sidewalk, 5"	19	SY			$50.00	$ 950.00
36	7030-108-G-0	Detectable Warnings	40	SF			$40.00	$ 1,600.00
37	7040-108-H-0	Removal of Pavement	506	SY			$10.00	$ 5,060.00
38	7040-108-I-0	Curb and Gutter Removal	76	LF			$10.00	$ 760.00
39	8030-108-A-0	Traffic Control	1	LS			$10,000.00	$ 10,000.00
40	9010-108-A-0	Seeding, Fertilizing and Mulching, Permanent, Type 1	1	ACRE			$3,000.00	$ 3,000.00
41	9010-108-A-0	Seeding, Fertilizing and Mulching, Stabilization, Type 4	1	ACRE			$1,000.00	$ 1,000.00
42	9040-108-A-2	SWPPP Management	1	LS			$5,000.00	$ 5,000.00
43	9040-108-J-0	Erosion Stone Riprap	20	TONS			$50.00	$ 1,000.00
44	9040-108-N-1	Silt Fence	800	LF			$3.00	$ 2,400.00
45	9040-108-N-2	Silt Fence, Clean Out Sediment	800	LF			$1.00	$ 800.00
46	9040-108-S-1	Inlet Protection Device	6	EA			$250.00	$ 1,500.00
47	9040-108-S-2	Inlet Protection Device Maintenance	6	EA			$80.00	$ 480.00
48	11020-108-A-0	Mobilization	1	LS			$75,000.00	$ 75,000.00
							Sub-Total	$ 586,054.00

RESOLUTION NO. 19-
City Council

RESOLUTION SETTING PUBLIC HEARING DATE FOR THE 2019 MID-TOWN STREET AND UTILITY IMPROVEMENTS PROJECT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA to direct the City Clerk to proceed with notification of a public hearing that will be held in the Hiawatha Council Chambers, 101 Emmons Street, before the Hiawatha City Council on Wednesday, June 19, 2019 at 5:30 P.M. to consider adoption and placing on file of plans, specifications, form of contract and estimate of cost for the 2019 Mid-Town Street and Utility Improvements Project, and further direct publication of notice to bidders.

AYES:
NAYS:

PASSED AND APPROVED this 15th day of May, 2019.

_____
Bill Bennett, Mayor

ATTEST:

_____
Amy Scheer, Deputy City Clerk