



City of Grand Island

Tuesday, January 9, 2018

Council Session

Item G-2

#2018-1 - Approving Certificate of Final Completion for and Setting the Board of Equalization Hearing for February 13, 2018, for Water Main District 470T - Hwy 2 from North Road east about 1/2 Mile

Staff Contact: Tim Luchsinger, John Collins

Council Agenda Memo

From: Timothy Luchsinger, Utilities Director
John Collins, Public Works Director

Meeting: January 9, 2018

Subject: Certificate of Final Completion for Water Main District 470T

Presenter(s): Timothy Luchsinger, Utilities Director

Background

Water Main District 470T provided for a 12” diameter water main to be constructed along Nebraska Highway 2, from North Road, easterly for approximately ½ mile. The work was part of the Utility Department’s Master Plan for water system improvement along the northerly side of the City.

Discussion

The work installed by Van Kirk Brothers Contracting of Sutton, Nebraska, and has been fully completed in accordance with the contract documents, plans and specifications.

Unit prices were provided in the Contract and specified that the contractor be paid on the basis of actual quantity installed, times the contract’s unit prices. The construction was completed for a total amount of \$141,363.20, which is an under-run of \$922.04. A listing of installed quantities and associated costs are below:

Item	Description	Bid Quantity	Unit	Van Kirk Bros Contracting		Installed		Completed Amount
				Unit Price	Total Price	Quantity	Unit	
D.1.01	12" DIA. S.J. D.I. PIPE	2,304.0	LF	\$51.00	\$117,504.00	2,280.0	LF	\$116,280.00
D.1.02	8 MIL V-BIO PIPE ENCASEMENT	2,334.0	LF	\$1.80	\$4,201.20	2,334.0	LF	\$4,201.20
D.1.03	12"x 12"x6" M.J. TEE	2.0	EA	\$375.00	\$750.00	2.0	EA	\$750.00
D.1.04	12"x11 ¼' ELL	1.0	EA	\$315.00	\$315.00	1.0	EA	\$315.00
D.1.05	12" DIA SOLID SLEEVE	1.0	Each	\$325.00	\$325.00	2.0	EA	\$650.00
D.1.06	12" RETAINER GLAND	3.0	EA	\$110.00	\$330.00	3.0	EA	\$330.00
D.1.07	VALVE BOX	3.0	EA	\$265.00	\$795.00	3.0	EA	\$795.00
D.1.08	12" R.S. GATE VALVE	3.0	EA	\$1,790.00	\$5,370.00	3.0	EA	\$5,370.00
D.1.09	FIRE HYDRANT ASSEMBLY	2.0	EA	\$1,590.00	\$3,180.00	2.0	EA	\$3,180.00
D.1.10	THRUST BLOCK	3.0	EA	\$125.00	\$375.00	3.0	EA	\$375.00
D.1.11	SAW CUT	60.0	LF	\$4.00	\$240.00	60.0	LF	\$240.00
D.1.12	REMOVE & REPLACE ROADWAY	52.0	SY	\$66.00	\$3,432.00	52.0	SY	\$3,432.00
D.1.13	REMOVE & REPLACE DRIVEWAY	1.0	LS	\$550.00	\$550.00	1.0	LS	\$550.00
D.1.14	REMOVE & REPLACE 18" CMP	1.0	EA	\$1,340.00	\$1,340.00	1.0	EA	\$1,340.00

Item	Description	Bid Quantity	Unit	Van Kirk Bros Contracting		Installed		Completed Amount	
				Unit Price	Total Price	Quantity	Unit		
D.1.15	REMOVE & SALVAGE CAP	1.0	EA	\$115.00	\$115.00	1.0	EA	\$115.00	
D.1.16	REMOVE & SALVAGE PLUG	1.0	EA	\$115.00	\$115.00	1.0	EA	\$115.00	
D.1.17	SEEDING & EROSION CONTROL	1.0	LS	\$2,475.00	\$2,475.00	1.0	LS	\$2,475.00	
D.1.18	TRAFFIC CONTROL	1.0	LS	\$850.00	\$850.00	1.0	LS	\$850.00	
D.1.19	DEWATERING	2,304.0	LF	\$0.01	\$23.04	0.0	LF	\$0.00	
EVALUATED BID AMOUNT						\$142,285.24			
					TOTAL COMPLETED				\$141,363.20

Additional District Costs:

Utilities Engineering Division Labor and Overhead	\$ 16,455.99
Water Department Materials	\$ 3,250.75
GSI Engineering, Inc. – Geotechnical Services	\$ 500.00
	<u>\$ 20,206.74</u>

Total Cost for Water Main District 470T \$161,569.94

Of the district’s total cost, \$30,923.75, is a Utilities Department expense for the oversize of piping to meet system requirements. The remaining \$130,646.19 is the amount eligible for computing the district’s connections fees.

When customers desire to begin receiving service from the referenced water main, they are required to pay a connection fee. The connection fee is based on the total eligible cost of the district, divided by the front footage of the properties within the district’s boundary. The connection (tap) fees for properties within the district are \$58.710792 per front foot.

Attached for reference are copies of:

- Listing of eligible costs
- Tabulation of connection fees for the properties within the district
- Engineer’s Certificate of Final Completion
- Water Main District 470T’s boundary plat

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve the Certificate of Final Completion for Water Main District 470T and that the Council sit as a Board of Equalization for this district on February 13, 2018, to establish the connections fees for the properties within the district's boundary.

Sample Motion

Move to approve the Certificate of Final Completion for Water Main District 470T and set the Board of Equalization date for February 13, 2018.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Water Main District 470T

Water Main District 470T was installed under a contract issued to Van Kirk Bros. Contracting of Sutton, NE. The work generally being located in Nebraska Highway 2 from North Road and extending easterly approximately one-half mile within the City of Grand Island, NE. The work has been fully completed in accordance with the contract documents, plans and specifications.




Ryan L. Schmitz, P.E. E-13818

11/28/2017

Date

I hereby authorize Water Main District 470T to be incorporated into the City of Grand Island water system.



Tim Luchsinger, Utilities Director

11-29-17

Date

INTEROFFICE
MEMORANDUM



*Working Together for a
Better Tomorrow. Today.*

DATE: January 9, 2018
TO: Mayor Jensen and City Council Members
FROM: Tim Luchsinger, Utilities Director
SUBJECT: Water Main District 470T

This memo is to certify that Water Main District 470T located along Highway 2 from North Road, easterly for approximately one-half mile, in the City of Grand Island, Hall County, Nebraska, has been fully completed.

All work was done in accordance with the terms and conditions of the contract, and complies with the plans and specifications. The water main district has been placed in service.

It is recommended that a Board of Equalization be set for February 13, 2018 to determine the benefits and connection fees for the properties within the boundaries of Water Main District 470T.



Timothy Luchsinger, Utilities Director

ec: Renae Jimenez, Finance Director
John Collins, Public Works Director
Tom Barnes, Civil Engineering Manager, Utilities
Ruben Sanchez, Water Superintendent
Yolanda Rayburn, Sr. Accounting Clerk

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

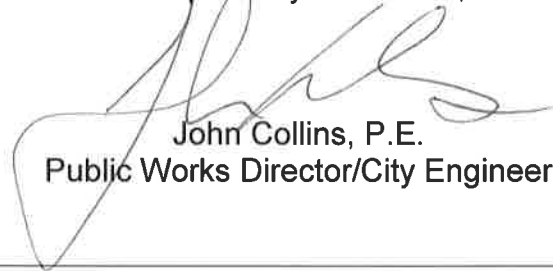
WATER MAIN DISTRICT NO. 470T

January 9, 2018

Water Main District No. 470T is located along Highway 2 from North Road, easterly for approximately ½ mile. The work on this main, as certified to be fully completed by Timothy Luchsinger, Utilities Director, is hereby accepted for the City of Grand Island, Nebraska, by me as Public Works Director in accordance with the provision in Section 16-650, R.R.S., 1943.

It is recommended that the City Council sit as Board of Equalization on February 13, 2018, to determine benefits and levy special assessments.

Respectfully Submitted,



John Collins, P.E.
Public Works Director/City Engineer

WATERMAIN DISTRICT NO. 470T

January 9, 2018

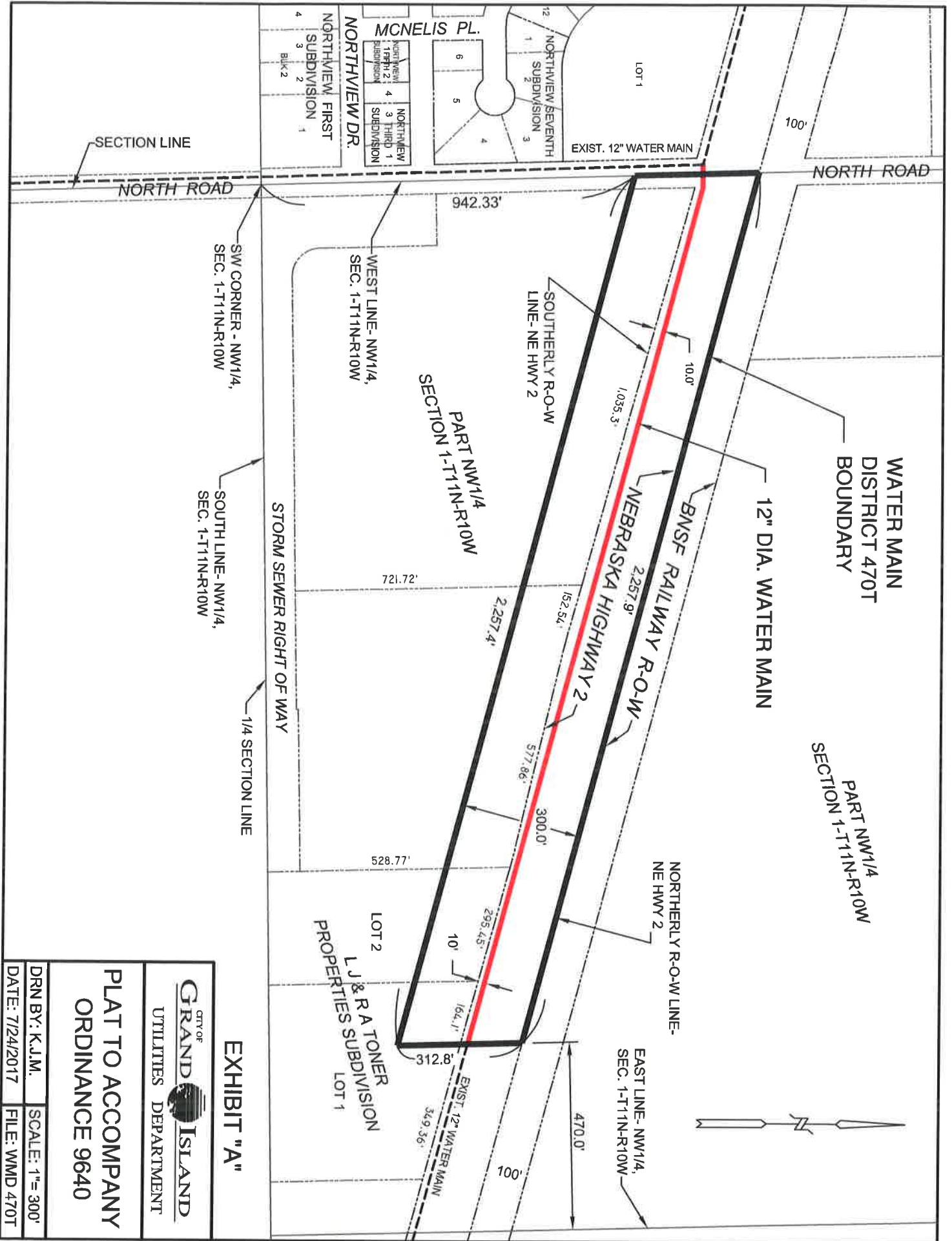
TO THE MEMBERS OF COUNCIL
CITY OF GRAND ISLAND
GRAND ISLAND, NEBRASKA

I hereby recommend that the Engineer's Certificate of Final Completion for Water Main District 470T be approved.

I further recommend that the City Council sit as Board of Equalization on February 13, 2018, to determine benefits and levy special assessments.

Respectfully Submitted,

Jeremy L. Jensen,
Mayor



WATER MAIN
DISTRICT 470T
BOUNDARY

PART NW1/4
SECTION 1-T11N-R10W

EXHIBIT "A"

CITY OF
GRAND ISLAND
UTILITIES DEPARTMENT

**PLAT TO ACCOMPANY
ORDINANCE 9640**

DRN BY: K.J.M. SCALE: 1"= 300'
DATE: 7/24/2017 FILE: WMD 470T

RESOLUTION 2018-1

WHEREAS, THE City Engineer/Public Works Director and Utilities Director for the City of Grand Island, Nebraska have issued a Certificate of Final Completion for Water Main District 470T within Nebraska Highway 2, from North Road, easterly for approximately ½ mile, certifying that Van Kirk Brothers Contracting of Sutton, Nebraska, has completed such project according to the terms, conditions and stipulations of the contract, plans and specifications for such improvements; and; and

WHEREAS, the City Engineer/Public Works Director recommends the acceptance of the Engineer's Certificate of Final Completion; and; and

WHEREAS, the Mayor concurs with the recommendation of the City Engineer/Public Works Director and Utilities Director.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that:

The Certificate of Final Completion for Water Main District 470T is hereby confirmed.

That the City Council will sit as a Board of Equalization on February 13, 2018, to determine benefits and set connection fees for Water Main District 470T.

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Adopted by the City Council of the City of Grand Island, Nebraska, January 9, 2018.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
January 5, 2018	☐ City Attorney