



City of Grand Island

Tuesday, February 27, 2018

Council Session

Item G-8

**#2018-53 - Approving Certificate of Final Completion for Water
Main District 469T - Engleman Road from Stolley Park Road
North 1/2 Mile**

Staff Contact: Tim Luchsinger, Utilities Director

Council Agenda Memo

From: Timothy Luchsinger, Utilities Director

Meeting: February 27, 2018

Subject: Water Main District 469T – Engleman Road – Stolley Park Road north ½ Mile – Certificate of Final Completion

Presenter(s): Timothy Luchsinger, Utilities Director

Background

Water Main District 469T provided for a 20" diameter water main to be constructed along Engleman Road from Stolley Park Road, north for approximately ½ mile. The work was part of the Utilities Department's Master Plan for water system improvements along the westerly side of the City.

Discussion

The work was installed by the Diamond Engineering Company of Grand Island, Nebraska under a contract awarded by the Council on March 14, 2017, 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 \$287,056.79. Additional costs included:

Utilities Engineering Division Labor & Overhead	\$ 25,292.99
Water Department Materials	\$ 4,956.87
Hall County Dept. of Roads – Road Detour	<u>\$ 1,677.74</u>
 TOTAL Cost for Water Main District 469T	 \$318,984.38

Of the district's total installed cost, \$71,951.49 is a Utilities Department expense for the oversize of the piping to meet system requirements. The remaining \$247,332.90 is the amount eligible for computing the district's connection 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 with the district's boundary. The connection (tap) fees for properties within the District are \$53.325191 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
- District'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 469T, and set the Board of Equalization Date for March 27, 2018.

Sample Motion

Move to approve the Certificate of Final Completion for Water Main District 469T and set the date for the Board of Equalization for March 27, 2018.

WATER MAIN DISTRICT 469T
ENGLEMAN ROAD - FROM STOLLEY PARK ROAD, NORTH FOR 1/2 MILE

ITEM	DESCRIPTION	BID		The Diamond Engineering Co.		INSTALLED		COMPLETED	CONNECTION
		QUANTITY	UNIT	Unit Price \$	Total Price \$	QUANTITY	UNIT	AMOUNT	FEE \$
D.1.01	20" S.J. D.I. PIPE	2686.0	LF	\$72.45	\$194,600.70	2,714.0	LF	\$196,629.30	\$154,698.01
D.1.02	16" S.J. D.I. PIPE	6.0	LF	\$98.20	\$589.20	6.0	LF	\$589.20	\$342.00
D.1.03	6" S.J. D.I. PIPE	45.0	LF	\$41.60	\$1,872.00	56.0	LF	\$2,329.60	\$2,329.60
D.1.04	16"x6" TAPPING SLEEVE	1.0	EA	\$2,920.00	\$2,920.00	1.0	EA	\$2,920.00	\$1,168.00
D.1.05	6" R.S. GATE TAPPING VALVE	1.0	EA	\$1,115.00	\$1,115.00	1.0	EA	\$1,115.00	\$1,115.00
D.1.06	16" BUTTERFLY VALVE	1.0	EA	\$3,110.00	\$3,110.00	1.0	EA	\$3,110.00	\$1,712.50
D.1.07	20" BUTTERFLY VALVE	5.0	EA	\$4,480.00	\$22,400.00	5.0	EA	\$22,400.00	\$8,562.50
D.1.08	20"x16" M.J. REDUCER	1.0	EA	\$570.00	\$570.00	1.0	EA	\$570.00	\$291.00
D.1.09	20"x20" M.J. TEE	2.0	EA	\$1,165.00	\$2,330.00	2.0	EA	\$2,330.00	\$1,510.00
D.1.10	20"x6" M.J. TEE	2.0	EA	\$930.00	\$1,860.00	2.0	EA	\$1,860.00	\$1,510.00
D.1.11	20" SLEEVE COUPLING	10.0	EA	\$1,185.00	\$11,850.00	10.0	EA	\$11,850.00	\$2,800.00
D.1.12	16" SLEEVE COUPLING	2.0	EA	\$790.00	\$1,580.00	2.0	EA	\$1,580.00	\$560.00
D.1.13	20" M.J. CAP W/ 2" TAP	2.0	EA	\$520.00	\$1,040.00	2.0	EA	\$1,040.00	\$463.00
D.1.14	20" RETAINER GLAND	2.0	EA	\$285.00	\$570.00	2.0	EA	\$570.00	\$180.00
D.1.15	VALVE BOX	6.0	EA	\$155.00	\$930.00	6.0	EA	\$930.00	\$930.00
D.1.16	FIRE HYDRANT ASSY. (TYPE 1)	2.0	EA	\$1,600.00	\$3,200.00	2.0	EA	\$3,200.00	\$3,200.00
D.1.17	HYDRANT ONLY (TYPE 2)	1.0	EA	\$890.00	\$890.00	1.0	EA	\$890.00	\$890.00
D.1.18	6"x45° M.J. ELL	6.0	EA	\$305.00	\$1,830.00	4.0	EA	\$1,220.00	\$1,220.00
D.1.19	6" RETAINER GLAND	12.0	EA	\$95.00	\$1,140.00	8.0	EA	\$760.00	\$760.00
D.1.20	THRUST BLOCK	5.0	EA	\$685.00	\$3,425.00	5.0	EA	\$3,425.00	\$3,425.00
D.1.21	V-BIO POLY-WRAP	2737.0	LF	\$3.35	\$9,168.95	2,776.0	LF	\$9,299.60	\$9,299.60
D.1.22	BELL JOINT BLOCK	2.0	EA	\$900.00	\$1,800.00	2.0	EA	\$1,800.00	\$1,800.00
D.1.23	REMOVE & SALVAGE HYDRANT ASSY.	1.0	EA	\$510.00	\$510.00	1.0	EA	\$510.00	\$510.00
D.1.24	REMOVE & SALVAGE 12" VALVE & BOX	1.0	EA	\$375.00	\$375.00	1.0	EA	\$375.00	\$375.00
D.1.25	REMOVE & DISPOSE BELL JOINT BLOCK	1.0	EA	\$405.00	\$405.00	1.0	EA	\$405.00	\$405.00
D.1.26	REMOVE & SALVAGE 20" M.J. CAP	1.0	EA	\$295.00	\$295.00	1.0	EA	\$295.00	\$295.00
D.1.27	REMOVE & SALVAGE 12" M.J. CAP	1.0	EA	\$295.00	\$295.00	1.0	EA	\$295.00	\$295.00
D.1.28	REMOVE & SALVAGE 16"x12" REDUCER	1.0	EA	\$295.00	\$295.00	1.0	EA	\$295.00	\$295.00
D.1.29	REMOVE & SALVAGE 12" D.I. PIPE	110.0	LF	\$16.60	\$1,826.00	110.0	LF	\$1,826.00	\$1,826.00
D.1.30	REMOVE & SALVAGE 12"x6" M.J. TEE	1.0	EA	\$295.00	\$295.00	1.0	EA	\$295.00	\$295.00
D.1.31	REMOVE & REPLACE FIELD DRIVE	1.0	EA	\$220.00	\$220.00	1.0	EA	\$220.00	\$220.00
D.1.32	REPLACE ASPH. MILLINGS	3.4	TON	\$65.65	\$223.21	3.4	TON	\$223.21	\$223.21
D.1.33	REMOVE ASPHALT ROADWAY	10.4	SY	\$15.25	\$158.60	28.3	SY	\$431.58	\$431.58
D.1.34	REPLACE ASPHALT ROADWAY	10.4	SY	\$91.00	\$946.40	28.3	SY	\$2,575.30	\$2,575.30
D.1.35	SEEDING	1.7	AC	\$4,595.00	\$7,811.50	1.4	AC	\$6,433.00	\$6,433.00
D.1.36	TRAFFIC CONTROL	1.0	LS	\$2,460.00	\$2,460.00	1.0	LS	\$2,460.00	\$2,460.00
EVALUATED BID AMOUNT					\$284,906.56	TOTAL COMPLETED		\$287,056.79	
						Eligible Connection Fee Amount			\$215,405.30

Hall Co Department of Roads	Detour Maintenance	\$1,677.74
Water Department	Materials	\$4,956.87
Utilities Engineering Division	Labor & Overhead	\$25,292.99
Total Eligible Cost of District 469T		\$247,332.90

Utilities Department	Project Oversize	\$71,951.49
TOTAL WATER MAIN DISTRICT 469T COST		\$318,984.38

WATER MAIN DISTRICT 469TEngleman Road - Stolley Park Road north 1/2 mile.
Ordinance 9601Ownerships: 1/25/2018
District Created: 9/13/2016

PARCEL NO.	DESCRIPTION	DOCUMENT NO.			FRONT FOOTAGE	CONNECTION FEE S
400200961	The Westerly 200.0' of the Northerly 994.55' SW1/4, SW1/4, Sec.23, T11N, R10W	20030664	Owner: Address: City, State: Zipcode:	Patty Hooker 109 Platte View Dr Phillips, NE 68865	994.55	\$53,034.57
400200945	The Westerly 200.0' of the NW1/4, SW1/4, Sec. 23, T11N, R10W	201704532	Owner: Address: City, State: Zipcode:	Kelvin E Kleeb, Trustee of the Kelvin E Kleeb Revocable Living Trust Agreement Dated Febr. 22, 2011, as Amended and Susan Allen Kleeb, Trustee of the Susan Allen Kleeb Revocable Living Trust Agreement dated Febr. 22, 2011, as Amended. 7535 S 60th Road Alda, NE 68810	1,324.55	\$70,631.88
400200864	The Easterly 200.0' of the NE1/4, SE1/4 Sec. 22, T11N, R10W	200900056	Owner: Address: City, State: Zipcode:	Douglas A and Marilyn K Denman, H & W 3700 S Alda Road Alda, NE 68810	1,324.55	\$70,631.88
400200872	The Easterly 200.0' of the Northerly 994.55' SE1/4, SE1/4, Sec. 22, T11N, R10W	201100401	Owner: Address: City, State: Zipcode:	Donald E Stoltenberg, Trustee of the Donald E Stoltenberg Revocable Trust dated Jan. 5, 2011; and R. Maria Stoltenberg, Trustee of the R. Marie Stoltenberg Revocable Trust dated Jan. 5, 2011 3871 N Engleman Road Grand Island, NE 68803	994.55	\$53,034.57
Total Eligible District Cost				\$247,332.90	Total District Front Footage	4,638.20
					Connection Fee per Front Foot	\$53.325191
						\$247,332.90

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Water Main District 469T

Water Main District 469T was installed under a contract issued to The Diamond Engineering Company of Grand Island, NE. The work generally being located along Engleman Road beginning at Stolley Park Road and extending north approximately one-half mile. The work has been fully completed in accordance with the contract documents, plans and specifications.


Lynn M. Mayhew, P.E. E-10661

2/16/2018
Date

I hereby authorize Water Main District 469T to be incorporated into the City of Grand Island water system.


Tim Luchsinger, Utilities Director

2-16-18
Date

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

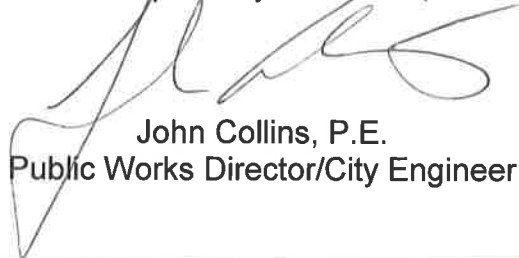
WATER MAIN DISTRICT NO. 469T

February 27, 2018

Water Main District No. 469T is located along Engleman Road, from Stolley Park Road north 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 March 27, 2018, to determine benefits and levy special assessments.

Respectfully Submitted,



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

WATERMAIN DISTRICT NO. 469T

February 27, 2018

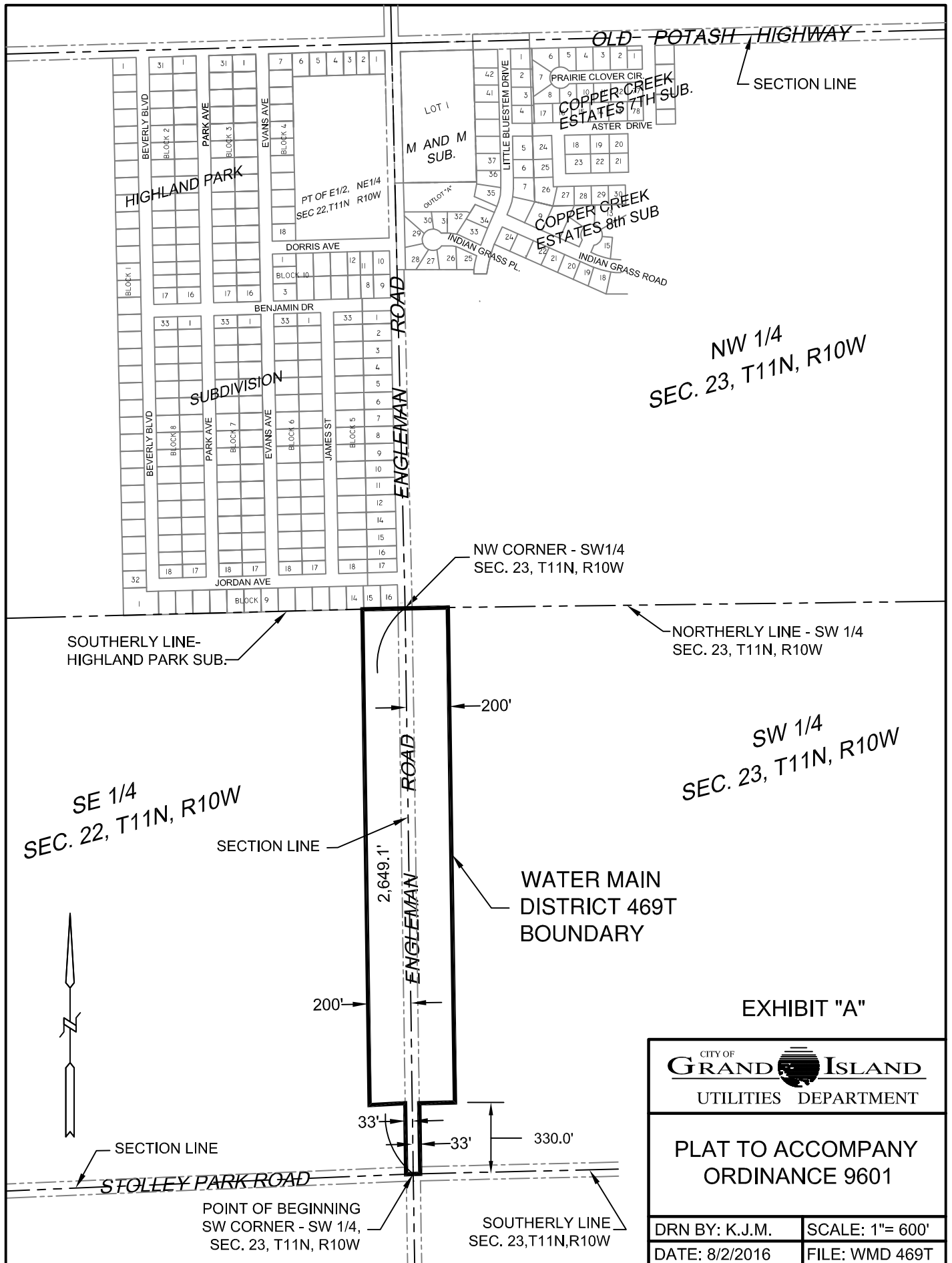
TO THE MEMBERS OF COUNCIL
CITY OF GRAND ISLAND
GRAND ISLAND, NEBRASKA

I hereby recommend that the Engineer's Certificate of Final Completion for Water Main District 469T be approved.

I further recommend that the City Council sit as Board of Equalization on March 27, 2018, to determine benefits and levy special assessments.

Respectfully Submitted,

Jeremy L. Jensen,
Mayor



RESOLUTION 2018-53

WHEREAS, the City Engineer/Public Works Director and the Utilities Director for the City of Grand Island, Nebraska, have issued a Certificate of Final Completion for Water Main District 469T within Engleman Road, from Stolley Park Road, north for approximately ½ mile, certifying that the Diamond Engineering Company of Grand Island, Nebraska, has completed such project according to the terms, conditions and stipulations of the contract, plans and specifications for such improvements; and

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

WHEREAS, the Mayor concurs with the recommendation of the City Engineer/Public Works Director and the 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 469T is hereby confirmed.
- That the City Council will sit as a Board of Equalization on March 27, 2018 to determine benefits and set connection fees for Water Main District 469T.

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Adopted by the City Council of the City of Grand Island, Nebraska, February 27, 2018.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
February 22, 2018	☐ City Attorney