



City of Grand Island

Tuesday, March 07, 2006

Special/Council Session

Item G14

**#2006-74 - Approving Certificate of Final Completion and Setting
BOE Meeting Date for Water Main District 449T - North Road
and Faidley Avenue**

Staff Contact: Gary R. Mader

Council Agenda Memo

From: Gary R. Mader, Utilities Director

Meeting: March 7, 2006

Subject: Water Main District 449T – North Road and Faidley Avenue

Item #'s: G-14

Presenter(s): Gary R. Mader, Utilities Director

Background

Water Main District 449T was created to extend a 24” diameter main north along North Road, from the Roger’s Pumping Station to Greenwood Drive and a 12” diameter water main east, within the Faidley Avenue extended right-of-way, from North Road to Claude Road extended. A map of the District is attached for reference. The Project is part of the Water Department’s master plan to provide City water service extension to developing areas in the west and northwest parts of the City, and to provide trunkline capacity for expanded capacities of the reservoir pumping station at North Road and Potash.

Discussion

All construction has been completed in accordance with City standards. The new trunk lines have been tested, placed in service, and incorporated into the City system.

This trunkline construction was done as a connection district, which has been the department’s standard method for completing needed system expansions through undeveloped areas. The connection fees associated with the district would not be collected until the water main is actually “tapped” to provide direct service to an adjacent property when it develops. The total cost to construct Water Main District 449T was \$349,454.36. The connection fee chargeable amount is \$188,844.29.

The chargeable amount for water service connections is based on current prices for the installation of an 8” main. The price difference between the chargeable amount and the actual construction cost is the Department’s cost for over-sizing above the standard 8” diameter pipe size. The connection fees are computed by taking the total chargeable amount (\$188,844.29) and dividing it by the district’s frontage (5,856.32 lf) along North Road and Faidley Avenue. This arrives at a per front foot fee of \$32.246239.

Alternatives

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

1. Move to approve the Certificate of Final Completion for Water Main District 449T and set a date for the Board of Equalization
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 accept the Certificate of Final Completion and set April 11, 2006 as the date for the Board of Equalization to determine benefits and connection fees for the properties within the boundary of Water Main District 449T.

Sample Motion

Motion to approve the Certificate of Final Completion for Water Main District 449T, and set the date for the Board of Equalization to meet on April 11, 2006.

INTEROFFICE
MEMORANDUM




*Working Together for a
Better Tomorrow. Today.*

DATE: February 21, 2006
TO: Mayor and Council Members
FROM: Gary R. Mader, Utilities Director

SUBJECT: Water Main District 449T – North Road and east along the future Faidley Avenue right-of-way

This memo is to certify that Water Main District 449T, located along North Road, just north of Old Potash Highway and east along the future Faidley Avenue right-of-way, 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 April 11, 2006, to determine the benefits and connection fees for the properties within the boundaries of Water Main District 449T.



Gary R. Mader, Utilities Director

GRM/pag

pc: Doug Walker
Dave Springer
Bob Smith
Steve Riehle
Laura Berthelsen
Dave Goosic
Tom Barnes
Yolanda Rayburn

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

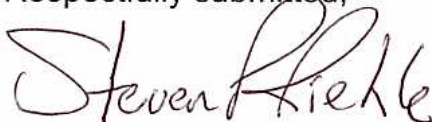
WATER MAIN DISTRICT NO. 449T

February 21, 2006

Water Main District No. 449T is located along North Road and east along the future Faidley Avenue right-of-way. The work on this main, as certified to be fully completed by Gary R. Mader, Utilities Director, is hereby accepted for the City of Grand Island, Nebraska, by me as Public Works Director in accordance with the provision on Section 16-650, R.R.S., 1943.

It is recommended that the City Council sit as Board of Equalization on April 11, 2006, to determine benefits and levy special assessments.

Respectfully submitted,



Steve Riehle,
Public Works Director

WATER MAIN DISTRICT NO. 449T

February 21, 2006

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 449T be approved.

I further recommend that the City Council sit as Board of Equalization on April 11, 2006, to determine benefits and levy special assessments.

Respectfully submitted,

Jay Vavricek
Mayor

CITY OF GRAND ISLAND, NEBRASKA
 UTILITIES DEPARTMENT

Connection Fees

02/07/2006

North Road and Faidley Avenue - WMD 449T

ITEM	DESCRIPTION	QUANTITIES PLACED	BID UNIT \$	TOTAL AMT COMPLETED \$	Connection Fee \$
1.01	24" D.I. Pipe (sj)	2,802.72 LF	62.30	174,609.46	60,678.89
1.02	16" D.I.. Pipe (sj)	5.00 LF	65.85	329.25	108.25
1.03	12" D.I.. Pipe (sj)	2,546.50 LF	21.65	55,131.73	55,131.73
1.04	10" D.I.. Pipe (sj)	5.50 LF	64.65	355.58	119.08
1.05	24"x24"x24" Tee (mj)	2.00 EA	2,238.00	4,476.00	773.34
1.06	24"x16" Reducer (mj)	2.00 EA	1,021.00	2,042.00	279.00
1.07	24"x24"x12" Tee (mj)	1.00 EA	1,606.00	1,606.00	386.67
1.08	24"x24"x 6" Tee (mj)	1.00 EA	1,412.00	1,412.00	386.67
1.09	24"x90 Ell (mj)	1.00 EA	1,601.00	1,601.00	249.50
1.10	24"x45 Ell (mj)	7.00 EA	1,270.00	8,890.00	1,438.71
1.11	24" Sleeve Coupling	4.00 EA	1,007.00	4,028.00	807.56
1.12	24" Retainer Gland	8.00 EA	270.00	2,160.00	764.00
1.13	16" Sleeve Coupling	2.00 EA	521.00	1,042.00	403.78
1.14	12"x10" Reducer (mj)	1.00 EA	169.00	169.00	139.50
1.15	12"x12"x 6" Tee (mj)	5.00 EA	261.00	1,305.00	1,933.35
1.16	12"x45° Ell (mj)	1.00 EA	203.00	203.00	205.53
1.17	12"x22.5° Ell (mj)	2.00 EA	204.00	408.00	411.06
1.18	24" Butterfly Valve	2.00 EA	4,351.00	8,702.00	1,856.66
1.19	16" Butterfly Valve	1.00 EA	2,023.00	2,023.00	928.33
1.20	12" R.S. Gate Valve	2.00 EA	1,278.00	2,556.00	1,856.66
1.21	6" R.S. Gate Valve	4.00 EA	437.00	1,748.00	1,748.00
1.22	6" Plug (mj)	4.00 EA	35.15	140.60	140.60
1.23	Duc Lugs & 3/4" all thread rod	12.00 SET	47.50	570.00	570.00
1.24	Valve Box	9.00 EA	127.00	1,143.00	1,143.00
1.25	Fire Hydrant Assembly	2.00 EA	1,093.00	2,186.00	2,186.00
1.26	Thrust Block	19.00 EA	246.00	4,674.00	4,674.00
1.27	8 Mil Polyethylene	0.00 LF	0.95	0.00	0.00
1.28	Remove & Replace Gravel Driveway	0.00 TN	10.40	0.00	0.00
1.29	Remove Asph/Conc Roadway	51.05 SY	30.25	1,544.26	1,544.26
1.30	Replace Asph/Conc Roadway	51.05 SY	38.70	1,975.64	1,975.64
1.31	Saw Cut	57.35 LF	2.70	154.85	154.85
1.32	Salvage & Spreading Topsoil	29,333.00 SY	0.70	20,533.10	20,533.10
1.33	Seeding & Mulching	1.99 AC	1,243.00	2,473.57	2,473.57
1.34	Dewatering	1.00 Sum	1.00	1.00	1.00
1.35	CONTRACT TOTAL			\$310,193.04	\$166,002.27
	PO 303861 - Labor & Materials - Oversized Thrust Blocks			6,462.00	984.00
	PO 303917 - Labor & Equipment - Cleanup from Flooding			2,754.38	2,754.38
	Water Dept Materials			1,935.98	1,935.98
	Labor			19,092.85	11,502.33
	Overhead			9,016.11	5,665.33
	TOTAL for Water Main District 449T			\$349,454.36	\$188,844.29

OWNER	FOOTAGE	CONNECTION FEE / FT	\$32.246239
Tract 1	956.80 LF		
Part of the SW 1/4, Sec 13, T-11-N, R-10-W	685.53 LF		
See attached description for details	213.17 LF		
T & E Cattle Co., a NE Corp	1,855.50 LF	\$59,832.89	
Tract 2	1,609.38 LF		
Part of the SW 1/4, Sec 13, T-11-N, R-10-W	955.48 LF		
See attached description for details	742.66 LF		
T & E Cattle Co., a NE Corp	357.70 LF		
c/o Tom Baxter	335.60 LF		
4444 W 13th Street	4,000.82 LF	\$129,011.40	
Grand Island, NE 68803			
TOTAL	5,856.32 LF	\$188,844.29	

Tract One (1)
Part of the SW 1/4, Sec. 13, T-11-N, R-10-W
1,855.5 LF - \$59,832.89

T & E Cattle Company, a Nebraska Corp.
c/o Tom Baxter
4444 W 13th Street
Grand Island, NE 68803

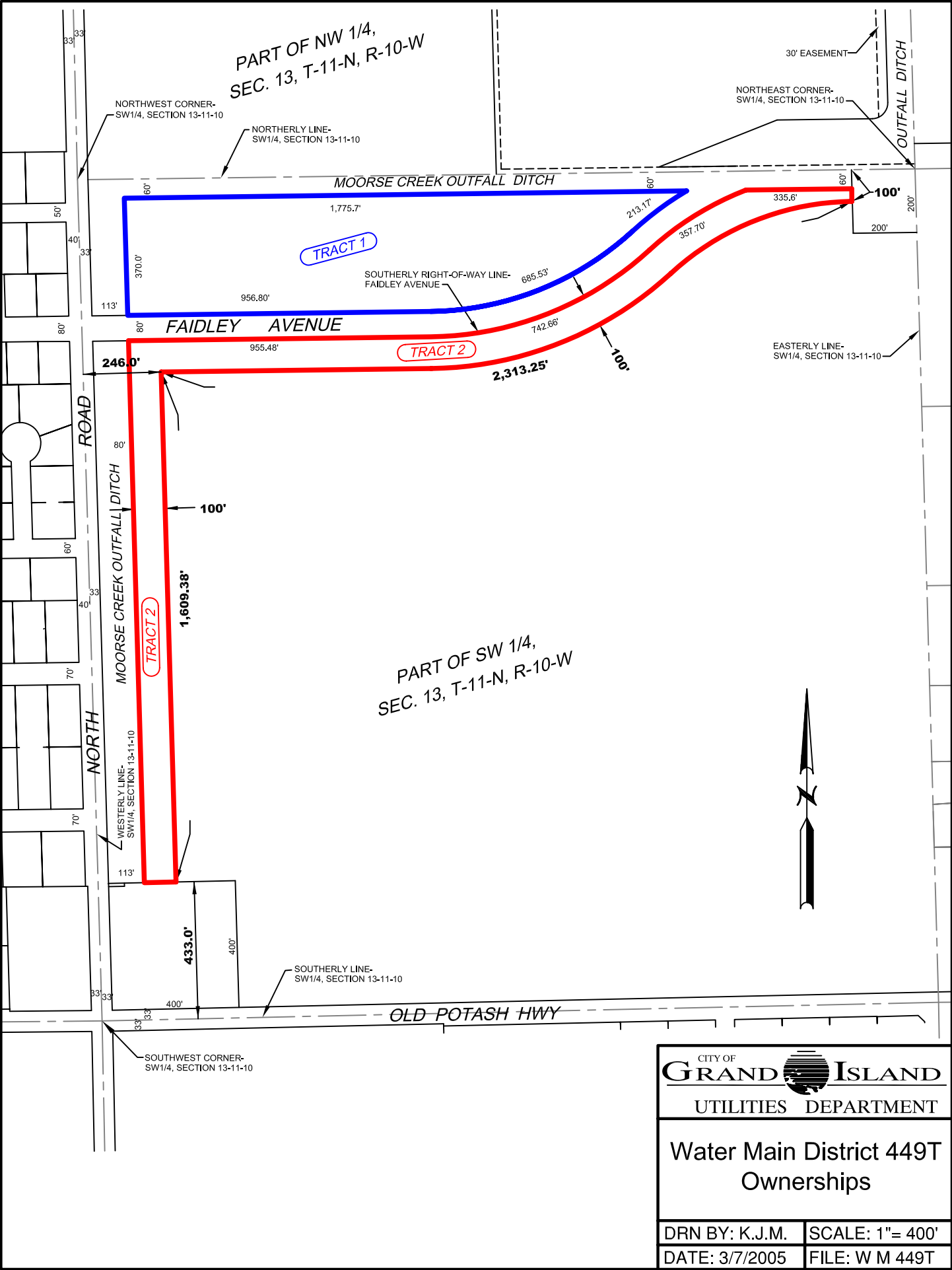
Commencing at the point 430.0 feet south of the northwest corner of the Southwest Quarter (SW 1/4) Section 13, T-11-N, R-10-W; thence easterly along the northerly right-of-way line of Faidley Avenue, a distance of 146.0 feet to the Actual Point Of Beginning; thence continuing easterly along the northerly right-of-way line of said Faidley Avenue, a distance of 956.80' to a point of curvature; thence running northeasterly along the arc of a curve to the left whose radius is 960.0 feet, the long cord of which deflects 20°55'08" left from the last described course, a long cord distance of 685.53 feet, to a point of reverse curvature; thence running northeasterly along the arc of a curve to the right whose radius is 1,040.0 feet, the long cord of which deflects 11°18'35" left from the last described course, a long chord distance of 213.17 feet, to a point on the southerly right-of-way line of the Moores Creek Outfall Ditch; thence westerly along the southerly right-of-way line of said Moores Creek Outfall Ditch, a distance of 1,775.7 feet, to the easterly right-of-way line of said Moores Creek Outfall Ditch; thence southerly along easterly right-of-way line of said Moores Creek Outfall Ditch, a distance of 370.0 feet to the said point of beginning.

Tract Two (2)
Part of the SW 1/4, Sec. 13, T-11-N, R-10-W
4,000.82 LF - \$129,011.40

T & E Cattle Company, a Nebraska Corp.
c/o Tom Baxter
4444 W 13th Street
Grand Island, NE 68803

Commencing at the northeast corner of the Southwest Quarter (SW 1/4) Section 13, T-11-N, R-10-W; thence westerly along the northerly of said Southwest Quarter (SW 1/4) a distance of 200.0 feet; thence southerly and parallel with the easterly line of said Southwest Quarter (SW 1/4), a distance of 60.0 feet to a point on the southerly right-of-way line of the Moose Creek Outfall Ditch, being the Actual Point Of Beginning; thence continuing southerly along the last described course, a distance of 40.0 feet; thence westerly on a line that is parallel with and offset southerly one hundred (100.0) feet from the southerly right-of-way line of Faidley Avenue, a distance of two thousand three hundred thirteen and twenty five hundredths (2,313.25) feet, to a point two hundred forty six (246.0) feet easterly of the westerly line of the said Southwest Quarter (SW 1/4); thence southerly and parallel with the westerly line of said Southwest Quarter (SW 1/4), a

distance of one thousand six hundred nine and thirty eight (1,609.38) feet, to a point four hundred thirty three (433.0) feet north of the southerly line of the said Southwest Quarter (SW 1/4); thence westerly and parallel with the southerly line of said Southwest Quarter (SW 1/4), a distance of 100.0 feet, to a point on the easterly right-of-way line of the Moore Creek Outfall Ditch; thence northerly along the easterly right-of-way line of said Moore Creek Outfall Ditch, a distance of 1,709.38 feet to a point of the southerly right-of-way line of said Faidley Avenue; thence easterly along the southerly right-of-way line of said Faidley Avenue, a distance of 955.48 feet to a point of curvature; thence running northeasterly along the arc of a curve to the left whose radius is 1,040.0 feet, the long cord of which deflects $20^{\circ}55'08''$ left from the last described course, a long cord distance of 742.66 feet, to a point of reverse curvature; thence running northeasterly along the arc of a curve to the right whose radius is 960.0 feet, the long cord of which deflects $11^{\circ}18'35''$ left from the last described course, a long chord distance of 357.7 feet, to a point on the southerly right-of-way line of said Moores Creek Outfall Ditch; thence easterly along the southerly right-of-way line of said Moores Creek Outfall Ditch, a distance of 335.6 feet to the said point of beginning.



PART OF NW 1/4,
SEC. 13, T-11-N, R-10-W

NORTHWEST CORNER-
SW1/4, SECTION 13-11-10

NORTHERLY LINE-
SW1/4, SECTION 13-11-10

NORTHEAST CORNER-
SW1/4, SECTION 13-11-10

OUTFALL DITCH

MOORSE CREEK OUTFALL DITCH

TRACT 1

SOUTHERLY RIGHT-OF-WAY LINE-
FAIDLEY AVENUE

FAIDLEY AVENUE

TRACT 2

EASTERLY LINE-
SW1/4, SECTION 13-11-10

ROAD NORTH

MOORSE CREEK OUTFALL DITCH

PART OF SW 1/4,
SEC. 13, T-11-N, R-10-W



OLD POTASH HWY

SOUTHWEST CORNER-
SW1/4, SECTION 13-11-10

SOUTHERLY LINE-
SW1/4, SECTION 13-11-10

CITY OF
GRAND ISLAND
UTILITIES DEPARTMENT

Water Main District 449T
Ownerships

DRN BY: K.J.M.	SCALE: 1" = 400'
DATE: 3/7/2005	FILE: W M 449T

RESOLUTION 2006-74

WHEREAS, the City Engineer and the Utilities Director of the City of Grand Island have issued a Certificate of Final Completion for Water Main District 449T along North Road and Faidley Avenue in Grand Island, Nebraska, certifying that Starostka Group Unlimited, Inc. of Grand Island, Nebraska, has completed such project according to the terms, conditions, and stipulations for such improvements; and

WHEREAS, the City Engineer and the Utilities Director recommend the acceptance of the final completion; and

WHEREAS, the Mayor concurs with such recommendations.

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

1. The Certificate of Final Completion for Water Main District 449T is hereby confirmed and approved.
2. The City Council will sit as a Board of Equalization on April 11, 2006 to determine benefits and set connection fees for Water Main District 449T.

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Adopted by the City Council of the City of Grand Island, Nebraska, March 7, 2006.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk