



# City of Grand Island

Tuesday, August 28, 2007

Council Session

## Item G7

**#2007-202 - Approving Change Order #1 - Water Main District  
455 - Park-View Area**

Staff Contact: Gary R. Mader; Wesley Nespor

# **Council Agenda Memo**

**From:** Gary R. Mader, Utilities Director  
Wesley Nespor, Asst. City Attorney/Purchasing

**Meeting:** August 28, 2007

**Subject:** Water Main District 455 – Change Order #1  
Commerce Avenue and Pioneer Blvd.

**Item #'s:** G-7

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

## **Background**

During the initial site investigation for design of the referenced district, exploratory soil borings were done in the project area. On January 18, 2007, several borings were drilled to a depth of ten feet along the route of water main installation. Groundwater was not noted in the exploratory borings during the field investigation. In March 2007, the City entered into a contract for District 455 with the Starostka Group Unlimited, Inc., of Grand Island, to install water lines and services to the properties along Commerce Avenue from Blaine Street east to Park Drive; and in Pioneer Blvd., from the end of the existing public water main, east approximately 750 ft. A map of the district is attached for reference.

In June, prior to commencing work on the project, the contractor excavated “pot-holes” along the water line routing to again check the depth to groundwater. At that time, the depth varied from 5.5 ft. to 6.5 ft. in depth.

Since the earlier water level checks, the area has received significant additional rainfall and groundwater levels have risen to only 4 to 4.5 ft. below grade. Service lines are normally installed at 5 ft. depth for freeze protection.

## **Discussion**

The specifications require service lines to be pushed under the roadways. However, due to the high groundwater table, the contractor is not able to proceed as originally planned and specified.

Service lines can be installed in areas of high groundwater by utilizing directional boring methods, dewatering the area, or by cutting the street at all crossing locations. The least cost and least disruptive of these options is directional boring. In order to maintain project

schedule, an addition to the work scope is proposed. Price quotes were solicited for directional boring; tabulated below:

D & A Trenching	\$ 9.00 per foot
Hersch Digging, Inc.	\$ 9.00 per foot
Horizontal Boring Company	\$19.00 per foot

Change Order #1 would provide for the installation of the District's 22 long service lines that cross under Commerce and Pioneer, by utilizing directional boring methods. The Change Order is only for the use of the specialized equipment. There is no change in cost for the service installation or material costs.

### **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 Change Order #1 with the Starostka Group Unlimited, Inc., at the lowest price rate of \$9.00 per ft. The total amount for 22 service lines at 45 ft. per service length is \$8,910.00. The total contract price would increase from \$219,862.80 to \$228,772.80.

### **Sample Motion**

Motion to approve Change Order #1 with the Starostka Group Unlimited, Inc., for the sum of \$8,910.00 for installation of water service lines.



CHANGE ORDER #1

TO: Starostka Group Unlimited, Inc.  
429 Industrial Lane  
Grand Island, NE 68803

Project: Water Main District 455 (Commerce Avenue and Pioneer Blvd.)

You are hereby directed to make the following change in your contract:

1. Amend the awarded contract price to include the cost of directional boring water service lines for the sum of \$8,910.00 (22 services at 45 l.f. each x \$9.00 per foot) for a total amended contract price of \$228,772.80.

---

<b>The original Contract Sum</b>	<b><u>\$219,862.80</u></b>
<b>Change Order #1</b>	<b><u>\$ 8,910.00</u></b>
<b>Amended Contract Sum</b>	<b><u>\$228,772.80</u></b>

---

Approval and acceptance of this Change Order acknowledges understanding and agreement that the cost and time adjustments included represent the complete values arising out of and/or incidental to the Work described herein. Additional claims will not be considered.

APPROVED: **CITY OF GRAND ISLAND**

By: \_\_\_\_\_  
Mayor

Date \_\_\_\_\_

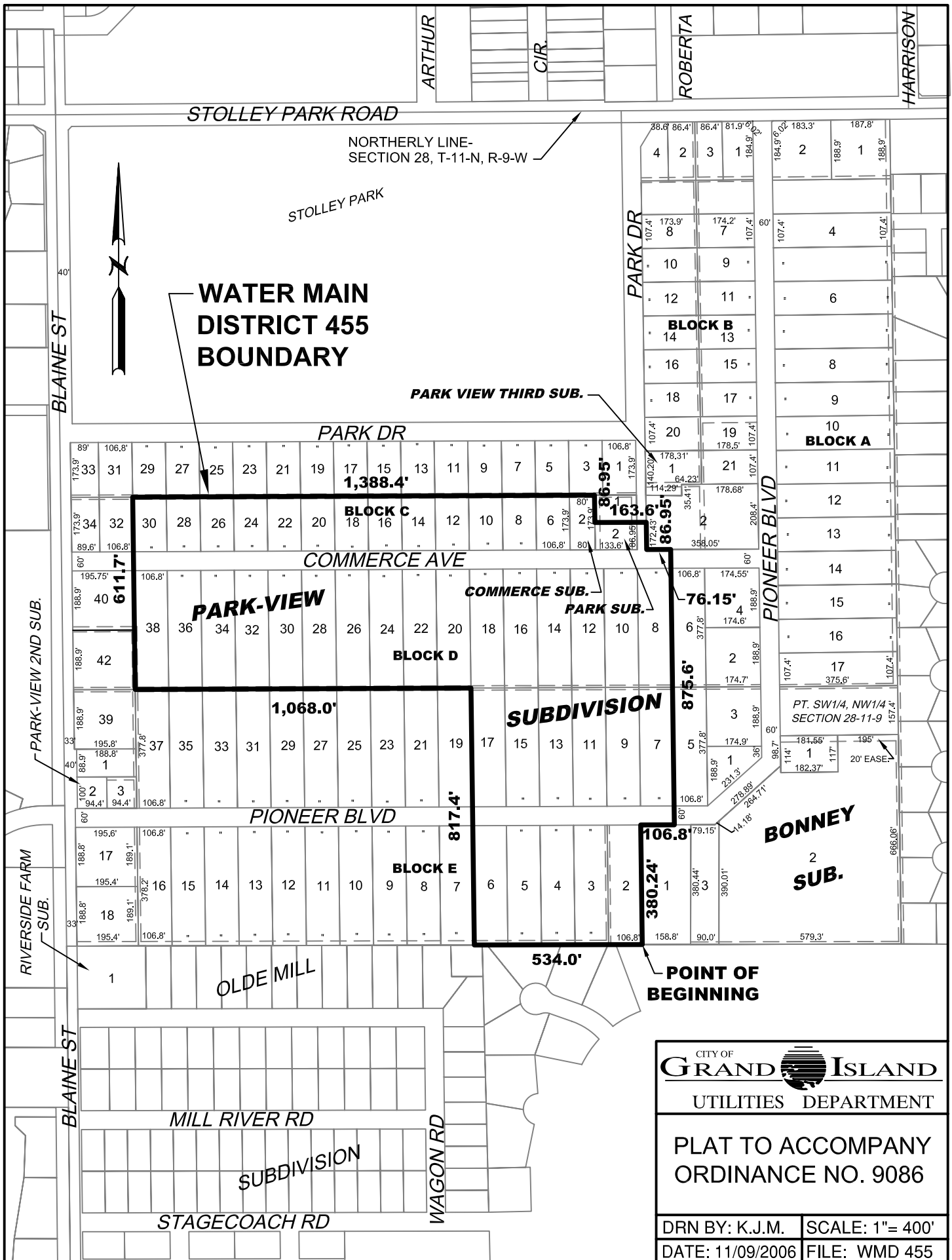
Attest: \_\_\_\_\_

\_\_\_\_\_  
Approved as to Form, City Attorney

ACCEPTED: **STAROSTKA GROUP UNLIMITED, INC.**

By: \_\_\_\_\_

Date \_\_\_\_\_



CITY OF  
**GRAND ISLAND**  
UTILITIES DEPARTMENT

PLAT TO ACCOMPANY  
ORDINANCE NO. 9086

DRN BY: K.J.M.	SCALE: 1" = 400'
DATE: 11/09/2006	FILE: WMD 455

RESOLUTION 2007-202

WHEREAS, on February 27, 2007, by Resolution 2007-43, the City of Grand Island awarded the bid for Water Main District No. 455 to Starostka Group Unlimited, Inc., of Grand Island, Nebraska; and

WHEREAS, it has been determined that modifications to the work to be performed by Starostka Group Unlimited, Inc., are necessary; and

WHEREAS, such modifications have been incorporated into Change Order No. 1; and

WHEREAS, the result of such modification will increase the contract amount by \$8,910.00 for a revised contract price of \$228,772.80.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Mayor be, and hereby is, authorized and directed to execute Change Order No. 1 between the City of Grand Island and Starostka Group Unlimited, Inc., of Grand Island, Nebraska to provide the modification set out as follows:

Additional Expense for Directional Boring Water Service Lines ..... \$8,910.00

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, August 28, 2007.

\_\_\_\_\_  
Margaret Hornady, Mayor

Attest:

\_\_\_\_\_  
RaNae Edwards, City Clerk

Approved as to Form	☐ _____
August 24, 2007	☐ City Attorney