


**PUBLIC WORKS DEPARTMENT
MEMORANDUM # 2011 - 26**

DATE: June 16, 2011
TO: Honorable Mayor Joyce Downing and City Council Members
FROM: William A. Simmons, City Manager 
David H. Willett, Director of Public Works
SUBJECT: Action Item: Authorize to Bid
Additional Work, CIP – 2011 Waterline Replacement Project

BACKGROUND

During the January 20, 2011 Study Session, staff presented the proposed 2011 Infrastructure Maintenance Programs to City Council for discussion and endorsement. The four waterline segments designated for improvements were as follows:

- Lunceford / Palmer Lane at 98th Avenue Waterline Loop.
- Croke Drive at 99th Avenue Waterline Loop.
- Delaware Court 8" Waterline Extension.
- E. 117th Avenue Waterline Loop.

On April 25, 2011, the City accepted ten (10) formal bids for the 2011 Waterline Improvements Project. The low bid was from **Diaz Construction** in the amount of \$117,250.00. The contract was approved by Council on May 26, 2011 at a total project cost, including contingency, of \$128,975.09. The balance remaining in the 2011 Appropriation is \$121,025.00.

Staff is requesting approval from City Council to use a significant portion of the remaining funds in the 2011 Waterline Replacement appropriation to replace obsolete fire hydrants and install new fire hydrants and valves on to the water distribution system. The proposed locations and cost estimates for the installations are shown on the attachment.

BUDGET/TIME IMPLICATIONS

The proposed project would be funded out of the following account:

Waterline Replacement Project	
Appropriation (Water/Wastewater Fund)	\$250,000.00
Approved 2011 Contract (Diaz Construction)	\$117,250.00
Approved 2011 Contingency (10%)	<u>\$ 11,725.00</u>
Available Balance	\$121,025.00

RECOMMENDATION

If approved, this action item would:

- 1) Authorize Staff to proceed with the bidding process for the installation of new fire hydrants and valves.

Staff recommends approval of this action item. Pending approval to bid, staff would next solicit bids and return to the City Council with a recommended contract for the completion of the additional work.

STAFF REFERENCE

David H. Willett, P.E., Director of Public Works
Joliette Woodson, P.E., Transportation Engineer

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Fire Hydrant Replacement Only by In House Crews

Location	Hydrant	Mob/TCP	Cost
1781 105th Place	\$ 2,750.00	\$ 302.50	\$ 3,052.50
10468 Williams St.	\$ 2,750.00	\$ 302.50	\$ 3,052.50
10470 Gilpin St.	\$ 2,750.00	\$ 302.50	\$ 3,052.50
10472 Marion Way	\$ 2,750.00	\$ 302.50	\$ 3,052.50
10456 Corona St.	\$ 2,750.00	\$ 302.50	\$ 3,052.50
10488 Ogden St.	\$ 2,750.00	\$ 302.50	\$ 3,052.50
10470 Emerson St.	\$ 2,750.00	\$ 302.50	\$ 3,052.50
840 103rd Ave	\$ 2,750.00	\$ 302.50	\$ 3,052.50
1040 103rd Ave	\$ 2,750.00	\$ 302.50	\$ 3,052.50
1152 103rd Ave	\$ 2,750.00	\$ 302.50	\$ 3,052.50
1488 102nd Ave	\$ 2,750.00	\$ 302.50	\$ 3,052.50
1426 101 Pl	\$ 2,750.00	\$ 302.50	\$ 3,052.50

Total \$ 36,630.00

Notes:

1. 1488 102nd Ave is on a 2011 Street but does not require excavation to complete replacement.
2. Fire Hydrants are being replaced because of age and lack of available parts.
3. Valves are not needed.

Fire Hydrant Replacement with new Valve

Location	Assembly	Asph Removal	Asph/Conc	Mob/TCP	Cost
10484 Downing St.	\$ 5,500.00	\$ 91.67	\$ 1,366.67	\$ 765.42	\$ 7,723.75
10463 Carlile St.	\$ 5,500.00	\$ 91.67	\$ 1,366.67	\$ 765.42	\$ 7,723.75
10484 Clarkson St.	\$ 5,500.00	\$ 91.67	\$ 1,366.67	\$ 765.42	\$ 7,723.75
1370 102nd Pl	\$ 5,500.00	\$ 91.67	\$ 1,366.67	\$ 765.42	\$ 7,723.75
1088 102nd Pl	\$ 5,500.00	\$ 91.67	\$ 1,366.67	\$ 765.42	\$ 7,723.75
928 102nd Pl	\$ 5,500.00	\$ 91.67	\$ 1,366.67	\$ 765.42	\$ 7,723.75
846 102nd Ave	\$ 5,500.00	\$ 91.67	\$ 1,366.67	\$ 765.42	\$ 7,723.75
1046 102nd Ave	\$ 5,500.00	\$ 91.67	\$ 1,366.67	\$ 765.42	\$ 7,723.75
1164 101st Pl	\$ 5,500.00	\$ 91.67	\$ 1,366.67	\$ 765.42	\$ 7,723.75
1484 101st Ave	\$ 5,500.00	\$ 91.67	\$ 1,366.67	\$ 765.42	\$ 7,723.75
1180 100th Pl	\$ 5,500.00	\$ 91.67	\$ 1,366.67	\$ 765.42	\$ 7,723.75
980 100th Pl	\$ 5,500.00	\$ 91.67	\$ 1,366.67	\$ 765.42	\$ 7,723.75

Total \$ 100,408.75

Notes:

1. These locations are not in conflict with the 2011 Street Overlay Project.
2. Fire Hydrants are being replaced because of age and lack of available parts.
3. Valves will be added with new Fire Hydrants as current hydrants can not be isolated from the system.