



MAYOR AND COUNCIL COMMUNICATION

DATE: 8/06/2013

REGULAR

ITEM #: 13

AGENDA ITEM: Inwood Booster Station and Trunk Watermain Improvements – Authorize the Preparation of a Feasibility Report

SUBMITTED BY: Jack Griffin, City Engineer

THROUGH: Dean A. Zuleger, City Administrator

REVIEWED BY: Adam Bell, City Clerk
Cathy Bendel, Finance Director
Chad Isakson, Project Engineer

SUGGESTED ORDER OF BUSINESS:

- Introduction of Item..... City Engineer
- Report/Presentation City Engineer
- Questions from Council to Staff..... Mayor Facilitates
- Public Input, if Appropriate..... Mayor Facilitates
- Call for Motion..... Mayor & City Council
- Discussion Mayor & City Council
- Action on Motion Mayor Facilitates

SUMMARY AND ACTION REQUESTED:

The City Council is respectfully requested to consider authorizing FOCUS Engineering to prepare a Feasibility Report for the Inwood Booster Station and Trunk Watermain Improvements in the estimated amount of \$6,700. The report will satisfy Chapter 429 requirements to specially assess benefitting properties. The recommended motion for this action is as follows:

“Move to approve Resolution No. 2013-62, Ordering preparation of a Feasibility Report for the Inwood Booster Station and Trunk Watermain Improvements.”

STAFF REPORT:

In accordance with the 2014 Capital Improvement Plan, trunk watermain will need to be extended along Inwood Avenue N., from 26th Street N. to the approximate location of Well No. 3, to provide municipal water service to the developing properties in the I94 corridor. A water booster station has been identified as part of this improvement to increase water pressures in the southern part of the city due to higher topography. These improvements are consistent with the 2030 Water System Comprehensive Plan.

The proposed watermain route is shown on the attached location map. As indicated on the map, alternative alignments may need to be considered for the watermain being installed south of 10th Street to correspond with the sequencing of the various potential development projects (Azur properties,

Montgomery properties, etc.). This includes the possibility that the final alignment may not be determined at the conclusion of this feasibility report, pending ongoing development alternatives. In the end, however, the goal of this project is to provide water service to properties planning to develop south of 10th Street and to develop the route and sequence of its construction in collaboration with various developments moving forward.

A Preliminary Study was completed for this corridor to prepare high level cost estimates for extending municipal water service to the nearby neighborhood areas including Torre Pines, Parkview Estates, Cardinal Ridge and Cardinal View. From this evaluation it was determined that extending watermain into these neighborhoods could be better accomplished as independent projects with the exception of Parkview Estates. It is therefore recommended that the trunk watermain be routed to include the Parkview Estates neighborhood as part of this project, to avoid redundant water system pipe and associated costs in the future.

Individual home service stubs and fire hydrants will be installed as a part of the project as the trunk watermain is extended past residential properties. The improvements will benefit the property owners by providing them the opportunity to connect to the municipal water system and will provide increased fire protection for the property. The feasibility report is necessary to satisfy the state required process to assess the benefiting property owners if the City wishes to levy assessments as part of the project.

Similar to the Keats MSA Street and Trunk Watermain Improvements, this project is being installed as part of the overall water system capital improvement plan, and not as a project to specifically deliver municipal water to the adjacent properties. Therefore the adjacent properties are not required to pay 100% of the infrastructure extension costs as is seen in other utility extension projects, but the properties will receive benefit.

RECOMMENDATION:

Staff is recommending that the city council authorizes FOCUS Engineering, Inc. to prepare the Inwood Booster Station and Trunk Watermain Improvements Feasibility Report in the estimated amount of \$6,700. The recommended motion for this action is as follows:

“Move to approve Resolution No. 2013-62, Ordering preparation of a Feasibility Report for the Inwood Booster Station and Trunk Watermain Improvements.”

ATTACHMENT(S):

1. Resolution No. 2013-62
2. Project Schedule
3. Location Map