

TO: Mayor and City Council
FROM: City Manager
THROUGH: Parks & PW Director / City Engineer
DATE: January 25, 2016
SUBJECT: 2016 Street Improvement Discussion



BACKGROUND INFORMATION: The 2016 Capital Improvement Program (CIP) calls for certain street improvements and allocates \$2.5M towards these improvements. The engineering firm of Bolton & Menk, Inc. was retained to oversee the 2016 Street Improvements. A feasibility report was recently received by staff which discusses the types of infrastructure improvements recommended for each street and an estimated cost. Street Improvement Projects are assessed in accordance with the City's Special Assessment Policy and Mn Stat. Chapter 429.

DISCUSSION:

Based upon the current project timeline, bidding will not occur until May with construction starting in late June. This schedule isn't ideal for bidding/construction. In addition, some of the recommended streets are in close proximity to the section of Robert Street under construction this year which may add to detour congestion and driver frustration. Another factor is that residents may not have completed necessary repairs to their sewer services, as part of the City's I/I program, prior to construction. Discussion is needed to weigh all of these factors and determine the best action to take this year.

Recommended Improvements/Cost Estimates:

Estimated Cost

1. Humboldt Ave:	\$1.63M
a. Full reconstruct, watermain, san. lining, sidewalks, lighting	
2. Kraft Rd:	\$ 427k
a. Full reconstruct, watermain, san. lining, sidewalks, lighting	
3. Fox Ridge Rd & Ct:	\$ 512K
a. Full reconstruct	
4. Edgewood Ln.:	\$ 421k
a. Full reconstruct, watermain	
5. Runge Ln.:	<u>\$ 250k*</u>
a. Replace all asphalt, san. lining, watermain?	
	Total \$3.24M

Factors to Consider:

1. Humboldt Ave. and Kraft Rd. should be reconstructed together based on geography.
2. Humboldt Ave. is a parallel route to Robert St. construction and adjacent to Livingston Ave. (detour route).
3. Marie Avenue will be reconstructed through Livingston Ave. intersection with the Robert Street Project.
4. Runge Lane (and Edith Drive) were looked at in the feasibility report as 2" mill/overlay projects, however existing pavement distresses are not consistent with that type of fix. Replacement of all pavement is likely.

5. Watermain on Runge Lane and Edith Drive were not assessed by the St. Paul Regional Water Service (SPRWS) since it was looked at as mill and overlay. SPRWS would need to evaluate the watermain for replacement and budget accordingly.
6. I/I residential repairs might not be completed prior to 2016 construction season.
7. Current schedule shows bid opening in May which is less competitive.
8. Assessment Hearing prior to bid award delays construction start into late June.

Suggested Solutions

1. Move forward with Humboldt Ave., Kraft Rd. and Fox Ridge Rd. & Ct.
 - a. Parallel route to Robert Street construction and Livingston Ave.
 - b. \$2.57M
2. Move forward with Fox Ridge Rd. & Ct. and Edgewood Lane.
 - a. Minimal impact on traveling public
 - b. \$ 933k
3. Do nothing in 2016:
 - a. Allows a larger 2017 project (typically more bidders, better prices).
 - b. Allows 2017 process to begin earlier; bid in February instead of May.
 - c. Allows proper investigation of Runge Ln. and Edith Dr. regarding street repairs and potential watermain replacement.
 - d. I/I would be completed by residents for both 2016 & 2107 project area prior to road construction beginning.
 - e. Allows city/staff to focus on Robert Street construction projects in 2016.
 - f. Ensures residents won't be impacted elsewhere in 2016 by road construction.
 - g. Potential to have a sewer lining contract in 2016 in advance of a larger street improvement project.
 - h. Potential to increase the annual crack sealing/seal coating program in 2016 to protect our infrastructure.

FISCAL IMPACT

The 2016 CIP allocates \$2.5M for Street Improvement Project; if this money is not spent in 2016 it could be used in 2017 towards a larger Street Improvement Project.

STAFF REQUEST FOR CONSIDERATION

Direction to staff as to how to proceed with 2016 Street Improvements.