



July 1, 2015

ENGINEER'S REPORT

3rd Ave & 5th Ave Reconstruction

We anticipate setting the bid date and public hearing date for the plans, specifications, form of contract and estimate of cost at the July 6th City Council meeting. The schedule is to hold the public hearing on July 20th and receive bids July 27th. We plan to award the project to the low bidder at the August 3rd City Council meeting. Construction will begin in late August with final completion in June of 2016.

There was discussion at the previous meeting regarding drainage and storm sewer between 3rd Street NW and 6th Street NW on 3rd Avenue N. The existing street has one set of intakes just north of 5th Street NW. The storm sewer system for the northwest part of town is directed towards Hwy 1 and 5th Street NE at the concrete plant. There are known issues with the drainage in the area served by this storm sewer system. The portion of the 3rd Avenue North project located between 3rd Street NW and 6th Street NW may be postponed until a drainage study can be completed to determine the necessary improvements to address the drainage concerns in this area.

Sewer Rehabilitation/Replacement

Work on the Shepley line is nearing completion. The contractor has installed the sewer and connected services and has replaced pavement on the project. They will be working on cleanup items and should be finished with the project by the end of the week of July 6th.

Prairie Park Water Plant

Plans and specifications are out to bidders for the water plant improvements. The deadline for submitting bids is 2:00 on July 15th. The public hearing is scheduled for July 6th. We plan to award the project to the low bidder at the July 20th City Council meeting. Construction will begin in August with completion scheduled for next spring.

Palisades Road Geotechnical Services

Terracon provided a report on the subbase and pavement for Palisades Road. The report indicates that the existing pavement varies from 4 to 5 inches of asphalt on a clay subgrade. Terracon recommends removal of the unsuitable fill material, installation of subdrains and a drainable base system. V&K prepared a preliminary cost estimate of approximately \$1.30M to replace the roadway from 10th Avenue S. to the West City limits.

Sidewalk Program

The previous sidewalk program was discussed at the last City Council meeting. City staff has researched their files and has provided several documents that relate to the past inspections, notices, assessment schedule, and miscellaneous correspondence. Considering that two years has passed since the phase 2 inspections, it would be advised that the area be reviewed and the inspection forms be updated prior to proceeding with this phase.

Sidewalk and Storm Sewer at 2nd Ave North and Cass Street

V&K visited with the property owner a 808 2nd Avenue North that voiced a concern regarding sidewalk and storm drainage at the previous City Council meeting. The sidewalk east of the headwall has settled and appears to be located over an unmapped storm sewer. V&K met with Nick Nissen to investigate the storm sewer and was not able to determine the end point of the pipe. We can remove the sidewalk panels that have settled and investigate the storm sewer using televising equipment to determine if it can be abandoned. The homeowner would prefer to replace the sidewalk under one project to provide a uniform finish. He also expressed concern regarding local flooding during heavy rains. This area drains across Davis Park to 7th Street east of Park Ave through a single 24" storm sewer. The street obstructs overland flow and causes water to pond to the height of the curb before it can flow into Davis Park. A more in depth drainage analysis would need to be conducted to size storm sewer or a drainage ditch to carry various flow rates. The property owner would like to avoid multiple sidewalk replacements and would like to have some resolution on the storm drainage issue before he replaces his sidewalk.

VEENSTRA & KIMM, INC.
Dave Schechinger, P.E.