

MAYOR & COUNCIL COMMUNICATION

DATE: October 4, 2016
REGULAR
ITEM # 23

AGENDA ITEM: 2017 Street Improvements – Authorize Preparation of a Feasibility Report and Geotechnical Services

SUBMITTED BY: Jack Griffin, City Engineer

THROUGH: Kristina Handt, City Administrator

REVIEWED BY: Cathy Bendel, Finance Director
Rob Weldon, Public Works
Chad Isakson, Assistant City Engineer

SUGGESTED ORDER OF BUSINESS:

- Introduction of Item City Engineer
- Report/Presentation City Engineer
- Questions from Council to Staff Mayor Facilitates
- Call for Motion Mayor & City Council
- Discussion Mayor & City Council
- Action on Motion Mayor Facilitates

POLICY RECOMMENDER: Engineering.

FISCAL IMPACT: \$16,000.

If authorized, FOCUS Engineering Inc., will prepare a feasibility report in the not to exceed amount of \$9,200 for the 2017 Street Improvements. If the improvements are ordered, the report costs will be charged against the project fund and become assessable to the benefitting properties. Should the project not be constructed, the report costs cannot be assessed.

SUMMARY AND ACTION REQUESTED: The City Council is respectfully requested to consider approving a Resolution No. 2016-86, Ordering Preparation of a Feasibility Report and authorizing Geotechnical Services for the 2017 Street Improvements.

STAFF REPORT/PROJECT BACKGROUND: In order to initiate the 2017 Street Improvements the Council must direct the preparation of a feasibility report as required by the statutory process for public improvements that are specially assessed. The report will advise on

the scope of recommended improvements for each local street; provide estimated project costs of the recommended improvements; identify easement and right-of-way, permits and other requirements of other local agencies needed to implement the improvements; recommend whether the improvements should be best made as proposed or in connection with some other improvement; and advise if the improvements are necessary, cost effective, and feasible. The report will also provide a proposed preliminary assessment roll for each of the benefitting properties based upon the City's Special Assessment Policy for Local Improvements.

The streets programmed for improvement in 2017, outside of the Old Village area are as follows:

- Jamaca Avenue North, from 55th Street North to Jamaca Boulevard North.
- Jamaca Boulevard North, from 55th Street North to Jamaca Avenue North.
- 57th Street North, from Julep Way North to Keats Avenue North.
- 55th Street North, from Demontreville Trail North to 57th Street North.

The improvements would likely include street reclamation, storm sewer and drainage improvements. Water quality improvements will be evaluated and incorporated as necessary to meet VBWD permitting requirements. A project schedule for the 2017 Street Improvements is attached and outlines the implementation timeframe necessary to ready the improvements for construction in 2017. The proposed schedule provides necessary time to address public involvement, acquire project related easements, acquire field survey before heavy snowfall, and to receive contractor bids early in 2017 to promote a competitive bid environment. The schedule does require the City to authorize survey services prior to full design in order to obtain topographic surveys prior to snow cover.

Geotechnical services are necessary to investigate the subsurface conditions, including existing subsurface soil materials and support strength for each street segment scheduled for improvement, and in particular, to confirm that sufficient pavement structure exists that could be reclaimed to be reused on the project for structural base material. This information will assist in making more informed decisions regarding the scope of the improvement. By obtaining this information early in the street improvement process, the cost estimates and improvement recommendations can be more accurate. Proposals to complete geotechnical services were received from two firms with American Engineering and Testing (AET) providing a proposal for \$6,800 and Braun Intertec providing a proposal for \$8,599.

RECOMMENDATION: Staff is recommending that the City Council approve Resolution No. 2016-XX, Ordering Preparation of a Feasibility Report and authorize Geotechnical Services for the 2017 Street Improvements. The recommended motion for this action is as follows:

“Move to approve Resolution No. 2016-86, Ordering preparation of a Feasibility Report for the 2017 Street Improvements to be completed by FOCUS Engineering, Inc. in the not to exceed amount of \$9,200 and authorizing Geotechnical Services to be completed for the project by AET, Inc. in a not to exceed amount of \$6,800.”

ATTACHMENT(S):

1. Resolution No. 2016-86, Ordering Preparation of a Feasibility Report.
2. 2017 Street and Utility Improvements – Location Map.
3. 2017 Street and Utility Improvements – Project Schedule.

**CITY OF LAKE ELMO
WASHINGTON COUNTY
STATE OF MINNESOTA**

RESOLUTION NO. 2016-86

**A RESOLUTION ORDERING THE PREPARATION OF A FEASIBILITY
REPORT FOR THE 2017 STREET IMPROVEMENTS**

WHEREAS, the City maintains a 5-year revolving Street Capital Improvement Program (Street CIP) to promote the strategic use of limited financial resources while maintaining, developing or replacing the City's local street network; and

WHEREAS, the Street CIP represents the City's long-range street improvement program that identifies the present and future needs and priorities, and develops a schedule of public improvements to address the most essential improvements first; and

WHEREAS, with a street reconstruction project the City reviews and considers the potential replacement or need for utility improvements in accordance with the City's 2030 Comprehensive Plan, including storm sewer, watermain or sanitary sewer, to be constructed in conjunction with the street improvement; and

WHEREAS, it is proposed to initiate the 2017 Street Improvement project to improve the following local streets; Jamaca Avenue North, from 55th Street North to Jamaca Boulevard North; Jamaca Boulevard North, from 55th Street North to Jamaca Avenue North; 57th Street North, from Julep Way North to Keats Avenue North; and 55th Street North, from Demontreville Trail to 57th Street North; and

WHEREAS, it is proposed to assess the benefiting properties for all or a portion of the cost of the improvement, pursuant to the City's Special Assessment Policy and Minnesota Statutes, Chapter 429.

NOW, THEREFORE, BE IT RESOLVED,

That the proposed improvement, called the 2017 Street Improvements, be referred to the City Engineer and FOCUS Engineering, and that FOCUS Engineering is instructed to complete a feasibility report in accordance with Minnesota Statutes, Chapter 429 for the proposed improvements, and to report to the council with all convenient speed advising the council in a preliminary way as to whether the proposed improvement is necessary, cost-effective, and feasible; whether it should be best made as proposed or in connection with some other improvement; the estimated cost of the improvement as recommended; and a description of the methodology used to calculate individual assessments for affected parcels.

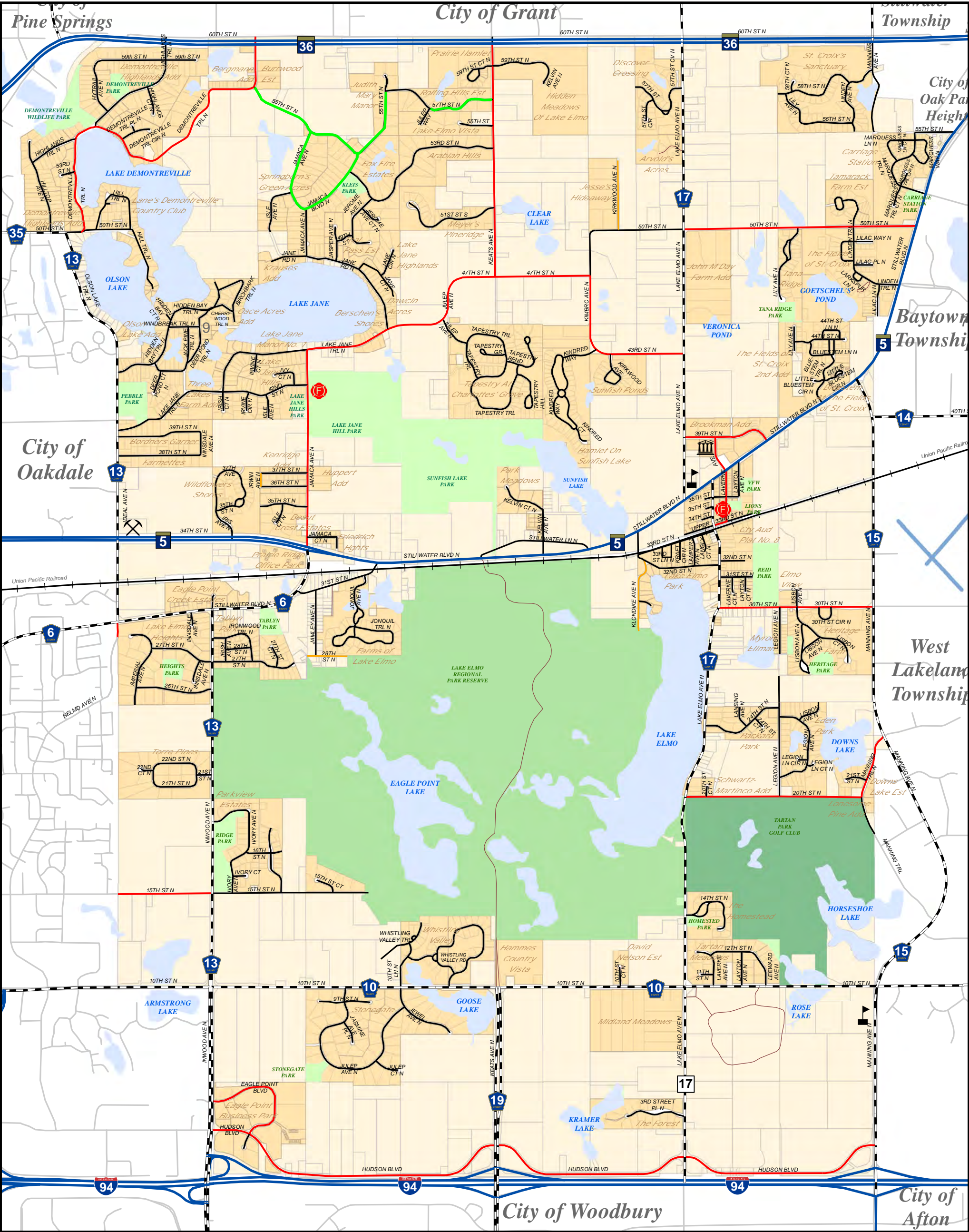
**ADOPTED BY THE LAKE ELMO CITY COUNCIL ON THE FOURTH DAY OF
OCTOBER, 2016.**

CITY OF LAKE ELMO

By: _____
Mike Pearson
Mayor

(Seal)
ATTEST:

Julie Johnson
City Clerk





Street Legend

 2017 Street Improvements



City Hall
3800 Laverne Avenue N
(651) 747-3900
www.lakeelmo.org



Public Works Building
3445 Ideal Ave N
(651) 747-3940



Fire Stations
Station No. 1
3510 Laverne Ave N
(651) 770-5006
Station No. 2
4259 Jamaca Ave N
(651) 779-8882



Schools



Parcels



Subdivisions



City Parks




Golf Course



Lake Elmo Regional Park Reserve
Park Office
(651) 430-8368



Lakes



0.5 0.25 0 0.5 Miles

Map Date: March 2013

Created By: Planning Department

PROJECT SCHEDULE
CITY OF LAKE ELMO

FOCUS ENGINEERING, inc.

Cara Geheren, P.E. 651.300.4261
Jack Griffin, P.E. 651.300.4264
Ryan Stempski, P.E. 651.300.4267
Chad Isakson, P.E. 651.300.4283

2017 STREET IMPROVEMENTS
PROJECT NO. 2016.XXX

AUGUST 2016

- OCTOBER 4, 2016 Council authorizes Feasibility Report.
- DECEMBER 6, 2016 Presentation of Feasibility Report. Council accepts Report and calls Hearing. Authorizes Design Survey.
- JANUARY 17, 2017 Public Improvement Hearing. Council Orders the Improvement and orders the preparation of Plans and Specifications (Requires 4/5th vote).
- APRIL 4, 2017 Council approves Plans and Specifications and orders Advertisement for Bids.
- MAY 4, 2017 Receive Contractor Bids.
- MAY 16, 2017 Council accepts Bids and awards Contract.
- JUNE 12, 2017 Conduct Pre-Construction Meeting and issue Notice to Proceed.
- SEPTEMBER 22, 2017 Substantial Completion.
 - OCTOBER 27, 2017 Final Completion.