



## **MAYOR & COUNCIL COMMUNICATION**

**DATE:** November 19, 2013  
**CONSENT**  
**ITEM #9**

**AGENDA ITEM:** Street Capital Improvement Program (CIP) – Authorize Geotechnical Services for Streets Programmed in 2014-2016

**SUBMITTED BY:** Ryan Stempski, Project Engineer

**THROUGH:** Dean A. Zuleger, City Administrator

**REVIEWED BY:** Jack Griffin, City Engineer  
Cathy Bendel, Finance Director  
Mike Bouthilet, Public Works

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**SUGGESTED ORDER OF BUSINESS *if removed from the Consent Agenda*:**

- Introduction of Item ..... 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

**POLICY RECOMMENDER:** Engineering

**FISCAL IMPACT:** \$10,500.

The funds expended for geotechnical services will be tracked and applied to the project costs for the Street Improvement projects to be completed in 2014, 2015 and 2016. Charges will be recorded on the financial statements as project prepayments and will be expensed at the point in time the projects are completed and capitalized. In the event an improvement project does not go forward, the amounts will be funded through the Infrastructure Reserve Fund and expensed at that point in time.

**SUMMARY AND ACTION REQUESTED:**

The City Council is respectfully requested to authorize a contract for geotechnical services to determine the subsurface condition of the streets tentatively scheduled for improvement between

2014 and 2016. If removed from the consent agenda, the recommended motion for this action is as follows:

***“Move to approve a contract to American Engineering Testing, Inc. in a not to exceed amount of \$10,500 to perform geotechnical services to determine the subsurface condition of the streets tentatively scheduled for improvement between 2014 and 2016.*”**

**LEGISLATIVE HISTORY/BACKGROUND INFORMATION:**

Geotechnical services are necessary to investigate the subsurface conditions, including existing subsurface soil materials and support strength for each street segment scheduled for improvement in the next few years (see attached location map). This information will assist in making more informed decisions in regard to the scope of improvement needed for each street segment and therefore provide a better estimate of the improvement cost. By obtaining this information early in the street improvement process, the cost projections used within the Street CIP will be improved helping the staff and council with more informed capital expenditure decisions.

To obtain the necessary subsurface investigation, a combination of 28 standard penetration test borings to a depth of 6 feet, Falling Weight Deflectometer (FWD) testing, Ground Penetration Radar (GPR) testing and pavement cores are proposed. Proposals for these services were solicited from American Engineering Testing (AET), Inc. and Braun Intertec Corporation.

AET, Inc. provided a not to exceed fee of \$10,500, while Braun Intertec Corporation provided an estimated fee of \$13,957.50. Please see the attached proposals for the detailed scope of services.

**RECOMMENDATION:**

Staff is recommending that the City Council approve, *as part of the Consent Agenda*, a contract to American Engineering Testing, Inc. in the amount of \$10,500, to perform geotechnical services to determine the subsurface condition of the streets tentatively scheduled for improvement between 2014 and 2016. If removed from the consent agenda, the recommended motion for this action is as follows:

***“Move to approve a contract to American Engineering Testing, Inc. in a not to exceed amount of \$10,500 to perform geotechnical services to determine the subsurface condition of the streets tentatively scheduled for improvement between 2014 and 2016.*”**

**ATTACHMENT(S):**

1. Geotechnical Services Location Map
2. American Engineering Testing, Inc. Proposal for Geotechnical Services
3. Braun Intertec Corporation Proposal for Geotechnical Services