

Michael Anderson

From: Michael Anderson
Sent: Friday, January 30, 2015 2:18 PM
To: Mark Gardner
Subject: RE: Pavement Evaluation Services

Thank you for the quote. If will be in the Metro Atlanta, Ga area within the next 30 days, I would be open to a free demo (presentation) with more details of your services. Let me know

Thanks,

Michael Anderson

From: Mark Gardner [mailto:mgardner@appliedpavement.com]
Sent: Friday, January 30, 2015 10:41 AM
To: Michael Anderson
Subject: RE: Pavement Evaluation Services

Good morning Mr. Anderson,

Thank you for your response. Based on the information provided, I'd propose the following:

- Automated data collection with our van, collecting data in one direction for roads with one driving lane in each direction (excluding turn lanes and shoulders), and collection in two directions for roads with two or more driving lanes in each direction and for divided roadways. This data collection will provide downward facing pavement images, Right Of Way images, roughness (IRI), and rutting data for all City roads, all geo-referenced.
- From the pavement images our trained surveyors will develop PCI scores by extracting distress information, and inputting that distress data into PAVER for calculation of PCI in accordance with ASTM Standard 6433.
- APTech will use PAVER to produce statements of current condition, develop work needs statements by year for 5 years, and develop budget scenarios to maintain current conditions, achieve a desired condition, and to predict condition given the current budget.
- PCI and work needs will be exported as GIS shape files for display on the City's GIS. PCI will also be provided as an Excel spreadsheet as requested.
- If desired, I can present this information to City Council using graphics, to help them understand the work needs and impact of budget variation on network condition.

My estimate to complete this work effort is \$50,000. Given the lack of detailed information I have had to be somewhat conservative with this estimate.

As a result of this work APTech will have created a PAVER database for the City. If you would like to maintain PAVER we can provide training. Alternatively we may discuss opportunities for APTech to update and maintain the program for the City over time, which will provide the City with the ability to periodically evaluate budget impacts on work plans and network conditions.

I hope this is what you were looking for. If you have any questions please contact me.

Mark P. Gardner, P.E.
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From: Michael Anderson [<mailto:manderson@CityOfPowderSprings.org>]

Sent: Thursday, January 29, 2015 9:59 AM

To: contact@appliedpavement.com

Cc: Michael Anderson

Subject: Pavement evaluation services for City of Powder Springs roads

To whom this may concern:

I, Michael Anderson, am the Public Works Director and am seeking a quote from your company on providing the following services:

- PCI scoring assessments (pavement and sub grade scoring included) of approximately 70 centerline miles with linkage of pavement condition into our GIS system and PCI scores captured on a excel spreadsheet
- Digital pavement images of roads at 25 feet segments minimum
- Pavement analysis, Budget Development for 5 year plan and Report

Thanks,

Michael Anderson