



Legislation Details (With Text)

**File #:** 2014-0070    **Version:** 1    **Name:** Pavement Management Update - Proposal  
**Type:** MOTION    **Status:** PASSED  
**File created:** 1/29/2014    **In control:** Board of Trustees  
**On agenda:** 3/3/2014    **Final action:** 3/3/2014  
**Title:** Pavement Management Update - Proposal

**Code sections:**

**Attachments:** 1. Proposal, 2. Applied Research Assoc., 3. Applied Research Assoc, 4. Applied Research Assoc - Signed Contract - Addendum C 2016 Update, 5. Applied Research Assoc - Signed Contract - C17-0084 Addendum D 2017 Pavement Management Update

Date	Ver.	Action By	Action	Result
3/3/2014	1	Board of Trustees		
2/11/2014	1	Public Works Department	INTRODUCED TO BOARD	
2/3/2014	0	Public Works Committee	RECOMMENDED FOR APPROVAL	Pass
1/29/2014	0	Public Works Department	INTRODUCED TO COMMITTEE	

Title  
Pavement Management Update - Proposal

History

In 2012, the Village of Orland Park selected Applied Research Associates, Inc. (ARA) of Champaign, Illinois, to implement a pavement and asset management system (PMS). Using ARA’s digital survey vehicle (DSV), ARA conducted a complete coverage pavement condition survey of all streets within the Village jurisdiction. ARA was able to gather all of the necessary data to assess the current pavement condition using a Condition Rating System (CRS). This CRS data was combined with historical data about the pavement network to develop a PMS using ARA’s own RoadCare system. Pavement deterioration models were developed to project the life of roads in the future. Recommendations, in the form of a preliminary 5-year project selection, were made to help improve the effectiveness of the Village’s pavement management practices.

It is the Village’s intent to maintain the PMS using the Condition Rating System (CRS) to rate the pavement in our road network. The attached proposal will allow for ARA to update the Village’s pavement and asset management system (PMS).

ARA will gather information on projects performed since the last condition survey (2012) and program the information in the PMS. The update will refine pavement management components including the treatment matrix, treatment consequences, treatment unit costs, and annual budget levels to aid in the update of a 5-year capital improvement plan.

Applied Research Associates, Inc. (ARA) of Champaign, Illinois, has provided a scope of services to update the Village’s Pavement and Asset Management System (PMS) at a cost not to exceed \$23,100.

On February 3, 2014, this item was reviewed and approved by the Public Works Committee and referred to the Board for approval.

**Financial Impact**

Funds are available for this project in the Capital Improvement Program account 054-0000-432800.

**Recommended Action/Motion**

I move to approve accepting the pavement management update proposal from Applied Research Associates, Inc., of Champaign, Illinois for an amount not to exceed \$23,100.