



## Legislation Details (With Text)

<b>File #:</b>	2020-0600	<b>Version:</b>	0	<b>Name:</b>	94th Avenue (151st Street to 159th Street) Pavement Resurfacing - Phase Two Design Engineering - Proposal
<b>Type:</b>	MOTION	<b>Status:</b>			PASSED
<b>File created:</b>	9/2/2020	<b>In control:</b>			Board of Trustees
<b>On agenda:</b>	9/8/2020	<b>Final action:</b>			9/8/2020
<b>Title:</b>	94th Avenue (151st Street to 159th Street) Pavement Resurfacing - Phase Two Design Engineering - Proposal				
<b>Code sections:</b>					
<b>Attachments:</b>	1. 94th Ave. - IDOT Phase 1 Approval, 2. Professional Service Agreement, 3. SCM Project Scoring, 4. Contract - Signed				

Date	Ver.	Action By	Action	Result
9/8/2020	0	Board of Trustees		
9/2/2020	0	Public Works Department	INTRODUCED TO BOARD	

### Title/Name/Summary

94<sup>th</sup> Avenue (151<sup>st</sup> Street to 159<sup>th</sup> Street) Pavement Resurfacing - Phase Two Design Engineering - Proposal

### History

94<sup>th</sup> Avenue is classified as a Major Collector roadway, by the Illinois Department of Transportation (IDOT) and Chicago Metropolitan Agency for Planning (CMAP). It is formerly referred to as a FAU (Federal Aid Urban) route and it falls under the Village's maintenance jurisdiction. 94<sup>th</sup> Avenue is eligible for federal funding through the CMAP Surface Transportation Program (STP) due to its functional classification.

The Village's pavement management consultant, Applied Research Associates (ARA), has recommended the resurfacing of 94<sup>th</sup> Avenue within the next five years. Due to the age and the amount of daily traffic, the pavement surface is progressively deteriorating and will need to be resurfaced in the near future. In July and August 2020, Public Works directed M&J Paving and Precision Pavement marking to perform isolated pavement patching and entire re-striping of pavement markings in order to maintain the road operational condition for the time being. Public Works anticipates the road resurfacing, along with ADA mobility improvements, will occur within the next few years.

The cost of construction and Phase Three construction oversight are eligible for federal financial assistance. However, in order to initiate the process for federal funding, the Village must complete Phase One preliminary design engineering. With the intention of selecting a qualified and experienced consulting engineering firm for preliminary and final engineering services, staff requested Phase 1 proposals from five (5) engineering firms: Baxter & Woodman, Inc. of Mokena, Illinois (BWI), Christopher B. Burke Engineering, Ltd. of Rosemont, Illinois (CBBEL), HR Green, Inc. of New Lenox, Illinois (HRG); Strand Associates, Inc. (SAI) of Joliet, Illinois; V3 Companies (V3C) of Woodridge, Illinois. HR Green, Inc. provided the lowest cost proposal, and therefore in May of 2019, the Village Board accepted the proposal for Phase One engineering by HRG, utilizing local funds.

HRG completed Phase One design on time and received Phase One approval from IDOT on March 26, 2020, see attached email and approval document from IDOT.

The application process for federal funding is administered through the Southwest Conference of Mayors ("SCM"). The call for projects began in January 2020 with a submittal deadline of late May 2020. With IDOT Phase One approval in hand, the Village submitted the project to SCM for project consideration. The project scored very well per the attached scoring sheets. Now in order to obtain STP funding for the project, the Phase Two final engineering design must be completed. Since HRG has already completed the Phase One design, many of the Phase Two design deliverables are in place. Therefore, Public Works staff requested a Phase Two proposal from HRG. The attached proposal from HRG, in the amount of \$45,565.00 is thorough and the cost is consistent with what would be expected, given the work already performed by HRG for the Phase One preliminary design.

Over the past several years, HRG has established an excellent working relationship with staff, which includes managing the Village's bridge inventory for annual inspections and reconstruction projects. Staff recommends accepting the proposal for Phase Two final engineering from HRG of New Lenox, Illinois in an amount not to exceed \$45,565.00 for 94th Avenue from 151<sup>st</sup> Street to 159<sup>th</sup> Street.

#### Financial Impact

Funds for this professional engineering service are budgeted and available in the Capital Fund 054-0000-471250 (CP-1139).

#### Recommended Action/Motion

I move to approve accepting the proposal from HR Green, Inc. of New Lenox, Illinois for the 94<sup>th</sup> Avenue (151<sup>st</sup> Street to 159<sup>th</sup> Street) Pavement Resurfacing - Phase Two Design Engineering, in an amount not to exceed \$45,565.00.