

Submitted by: David P. Massaron, Chief Business Officer, Chief Financial Officer and Senior Vice President for Finance and Business Operations; Treasurer

STADIUM STRUCTURAL REPAIRS - DESIGN AND CONSTRUCTION AUTHORIZATION

Recommendation

It is recommended that the Board of Governors authorize the President, or his designee, to approve spending to design, solicit bids and award contracts for the Stadium Structural Replacement for a project cost not to exceed \$3,000,000. Funding for this project will be provided from Deferred Maintenance.

Background and Project Description

Wayne State Stadium was originally constructed in 1968. In response to the 2012 structural study, a structural stabilization project was completed in 2014. The scope of this project was to repair approximately 10-20% of the concrete to steel connections. A structural study was again conducted in 2020 to evaluate the overall condition of the structure, with a focus on the precast seat connections with the steel frame. The findings of the 2020 study concluded that the rate of deterioration is increasing with time, and approximately 80-90% of the concrete to steel connections have significant to severe corrosion, and require replacement.

The purpose of this project is to stabilize the Stadium structure so that it can be safely utilized for the next 30+ years. A repair option and a replacement option were presented as part of the structural study. It has been determined that the replacement option is in the best interest of the University after careful consideration of timeline, costs, and longevity.

The project scope involves a complete replacement of the existing precast concrete stadia risers and steel connections to the main structure. The existing steel structure is in good condition, and will remain. The concrete under the Press Box will remain in place and be supported during construction. The deteriorated connections under the Press Box will be repaired without removing the existing concrete risers. The existing metal bleachers will be salvaged for reinstallation. The guardrail fencing around the perimeter of the stadium will be replaced with new.

All contracts for this project will be awarded in accordance with University policies and procedures.

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Project Budget

Funding Source	
Deferred Maintenance	\$3,000,000
Expenditures Plan	
Design Fees	\$61,000
Construction	2,350,000
Project Management	\$105,000
Contingency	\$484,000
TOTAL Expenditures	\$3,000,000