

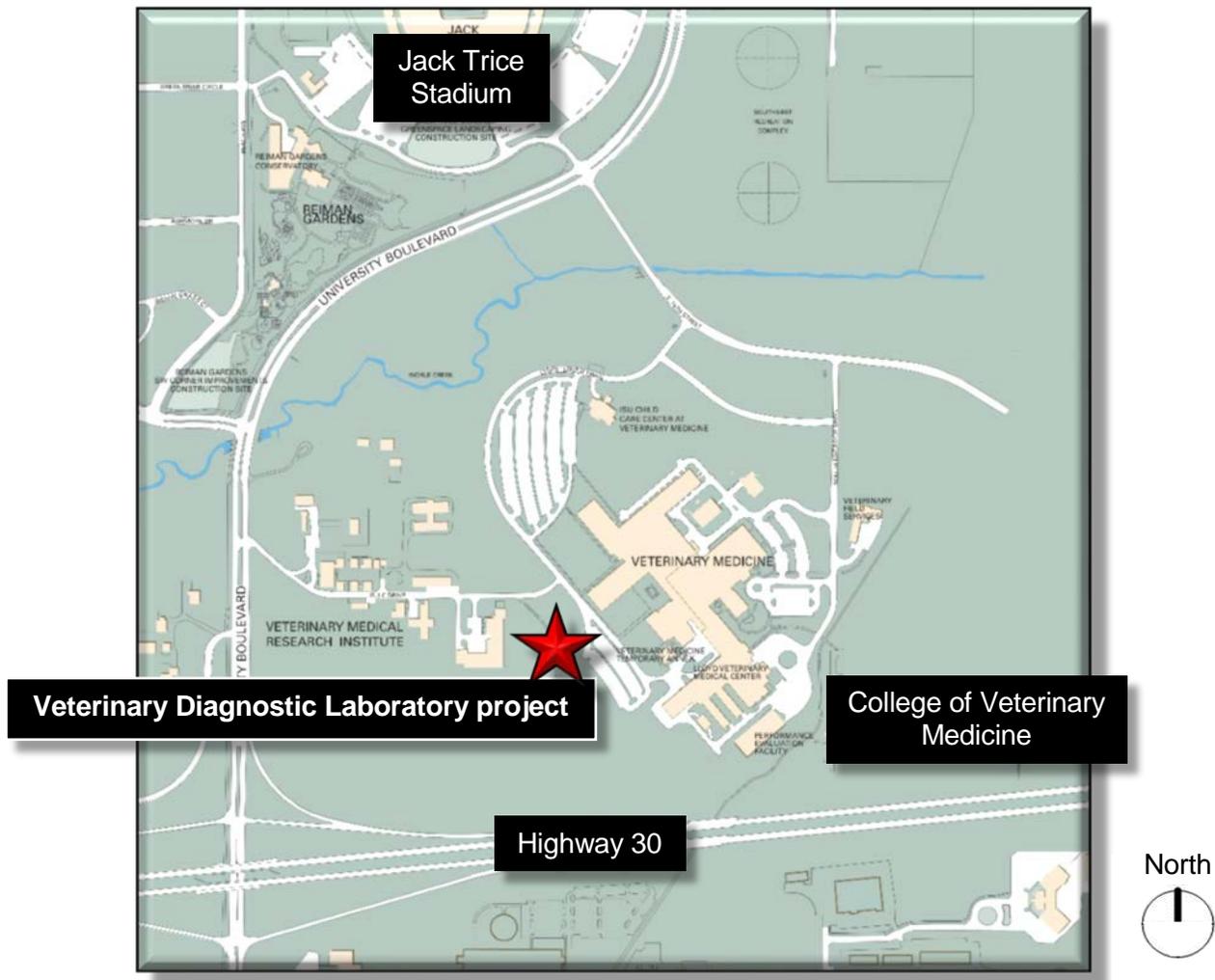
Contact: John Nash

**REGISTER OF IOWA STATE UNIVERSITY**  
**CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS**

**Actions Requested:** Consider recommending to the Board approval of:

- Permission to Proceed with Project Planning the **Veterinary Diagnostic Laboratory** project, including the design professional selection process and use of alternative project delivery methods.

**Executive Summary:** This project would build a new 83,000 to 88,000 gross square foot Veterinary Diagnostic Laboratory (VDL) and demolish three small buildings just west of the College of Veterinary Medicine. It would address critical space deficiencies, biosafety and biocontainment issues and important functional adjacencies for highly integrated labs. In addition, the project would support improved diagnostic sample delivery, submission, receiving and processing. The estimated project budget of \$75,000,000 would be funded by state appropriations, private giving and university funds.



Veterinary Diagnostic Laboratory project location

**Background:**

|  | <u>Amount</u> | <u>Date</u>      | <u>Board Action</u> |
|--|---------------|------------------|---------------------|
| <b>Permission to Proceed with Project Planning</b> |               | <b>Sep. 2018</b> | <b>Requested</b>    |
| <b>Use of Alternative Project Delivery Methods</b> |               | <b>Sep. 2018</b> | <b>Requested</b>    |

Built in 1976, the College of Veterinary Medicine has two floors and over 360,000 square feet. The existing VDL is located at the south end of this facility and has not had a substantial change to its footprint or infrastructure for over 42 years.

The VDL is the only full-service and accredited veterinary diagnostic laboratory in the state of Iowa. It serves to protect animal and human health and advance Iowa's \$32.5 billion animal agriculture industry by providing timely, high quality and comprehensive veterinary diagnostic services, teaching and research.

The annual number of VDL diagnostic cases has increased from 16,000 in 1976 to 80,000 in 2017. In general, the volume of research and teaching has increased dramatically in recent years. The requirements for expanded diagnostic technologies, biocontainment and biosafety laboratory standards and overall diagnostic capabilities have increased as well.

As part of the construction of the new VDL, three buildings at the Veterinary Medical Research Institute (VMRI 1, 12 and 35) that have out lived their useful lives would be vacated and demolished.

The university requests permission to use alternative delivery methods, other than the traditional design-bid-build process. Per the Policy Manual, the following advantages and disadvantages would be considered to produce the best value and managed risk to the project. They include:

- maximum collaboration between design and construction professionals by overlapping their phases of work to improve cost control and overall project outcomes,
- a fast-track approach to design and construction that allows the university to begin beneficial use of the new VDL facility as soon as possible,
- maximizing competition and the use of Iowa-based contractors and subcontractors and
- assuring construction professionals are selected that have the necessary specialized knowledge or expertise required for the VDL project.