

# CLACKAMAS COUNTY BOARD OF COUNTY COMMISSIONERS

## Policy Session Worksheet

**Presentation Date:** 2/4/2020    **Approx. Start Time:** 11:00 am    **Approx. Length:** 30 min

**Presentation Title:** USDA Wood Innovations Grant – County Courthouse Mass Timber Design Studio Project

**Departments:**            County Administration  
                                  Business and Community Services (BCS)

**Presenters:**             Rick Gruen, BCS Parks Manager  
                                  Judith Sheine, University of Oregon School of Architecture  
                                  Gary Barth, County Courthouse Project Manager

**Other Invitees:**        Laura Zentner, BCS Director  
                                  Sarah Eckman, BCS Deputy Director

### **WHAT ACTION ARE YOU REQUESTING FROM THE BOARD?**

No action is being requested from the Board. This Policy Session is an informational update on the WIG Phase 1 – County Courthouse Mass Timber Design Project - Fall Design Studio with the University of Oregon School of Architecture.

### **EXECUTIVE SUMMARY:**

The WIG Phase 1 – County Courthouse Mass Timber Design Project – Fall Design Studio project supports Clackamas County’s Cross Laminated Timber (CLT) initiative and further advances the Board’s desire to consider mass timber construction as part of the proposed new County Courthouse.

Funding for the project was secured by BCS on behalf of the County from a USDA – Wood Innovations Grant. The grant covers the cost for the University of Oregon School of Architecture to conduct an architecture design studio that focused on student teams developing courthouse designs utilizing mass timber for the main structural system. The design studio was held during the 2019 fall term and engaged 24 upper level and graduate students grouped in six teams. Architects and engineers with expertise in courthouse design and function, energy and daylight performance, building codes and mass timber engineering worked with the students.

Judith Sheine, University of Oregon School of Architecture Professor and project lead, will be presenting the six (6) unique courthouse designs developed by the student teams.

One of the designs will be selected to undergo a Life Cycle Analysis that will analyze and compare the economic and environmental co-benefits of a mass timber constructed courthouse with a more conventional steel and concrete courthouse. This will constitute Phase 2 of the WIG project.

### **FINANCIAL IMPLICATIONS (current year and ongoing):**

The project is grant funded and supported by staff from both BCS and County Administration. There are no ongoing implications.

Is this item in your current budget?  YES  NO

What is the cost? \$100,000 What is the funding source? USDA Wood Innovations Grant

**STRATEGIC PLAN ALIGNMENT:**

- **How does this item align with your Department's Strategic Business Plan goals?**

The Mass Timber Design Project supports Business & Community Services Assets line of business goal related to carbon sequestration.

- **How does this item align with the County's Performance Clackamas goals?**

The Mass Timber Design Project supports the Board's key initiative of growing the mass timber industry in Clackamas County which creates family wage jobs.

**LEGAL/POLICY REQUIREMENTS:** N/A

**PUBLIC/GOVERNMENTAL PARTICIPATION:**

CLT Courthouse Subcommittee; Public Outreach

**OPTIONS:**

N/A – Informational update on the Wood Innovations Grant.

**RECOMMENDATION:**

N/A – Informational update only.

**ATTACHMENTS:**

Power Point Presentation

**SUBMITTED BY:**

Division Director/Head Approval \_\_\_\_\_

Department Director/Head Approval \_\_\_\_\_

County Administrator Approval \_\_\_\_\_



For information on this issue or copies of attachments, please contact [Rick Gruen@ x4345](mailto:Rick.Gruen@x4345)