



Westman Laboratory Redevelopment Update

January 26, 2010 - Update #5

Latest Developments

Now that the new extension is completely protected from the outdoor elements, the weather is no longer a risk to project progress.

The roof is nearing completion and is anticipated to be done by the end of the month. The exterior wall between the new addition and the current facility was removed, unifying the new and existing spaces. South and west windows have been installed.

Although insulation has not yet been installed, the exterior walls have been tarped to keep in warmth as crews continue to install steel studs on the main floor. Many of the steel stud walls have already been installed and rooms are beginning to take form.

Other completed work includes two depressed cement pads which have been poured for the two large and small walk-in coolers and a concrete roof deck for the roof mechanical equipment.

'LEED'ing in Environmental Design - Materials and Resources

As part of achieving LEED (Leadership in Energy and Environmental Design) silver certification, WL's redevelopment is guided on key areas of human and environmental health by LEED standards, which will contribute to a greener building. One of these important factors is choice of materials and resources.

The extraction of resources and energy consumption related with the manufacturing process of many building materials has a significant impact on the natural environment. Ways to substantially reduce a building's environmental impact include incorporating existing structures, diverting waste from landfills through construction waste management, reusing materials and incorporating materials that are rapidly renewable, or that have a high recycled content.

Achieving LEED criteria in the Materials and Resources category requires the building to consider waste management throughout the project as well as upon completion. To minimize the potential tonnes of construction material that can be wasted throughout the building process, a waste management plan is in place which identifies sources to reuse or recycle wasted materials. The waste management system of the hospital complex will handle the waste stream of the laboratory as well as the storage and collection of recyclables upon completion of the project.

Additional LEED points are obtained for long-term commitment to the space. Of course, WL is seen as a permanent fixture of the Brandon community fulfilling this requirement.

The lab will reuse existing furnishings, including chairs and desktops, attempting to fulfill the requirement of dedicating 30% of the furnishings budget to salvaged, refurbished or used furniture and fixtures.

When possible, the project considers materials with high recycled content, not only saving money, but serving to meet the requirements of the recycled content credit. Use of local and regional materials is also encouraged as this reduces the environmental impact of shipping.

In the next update, an overview will be provided on the project's compliance with LEED's fifth principle, Indoor and Environmental Quality.

Next Steps

Over the next month the rough in of mechanical and electrical will continue on the main floor. Drywall will begin to be installed. East-side exterior windows and spandrel glass will be installed.

Follow the redevelopment progress through the Photo Gallery at www.dsmanitoba.ca, under About/Projects/Westman.



Important Service/Access Changes

Current

- NEW** Western Manitoba Cancer Centre (WMCC) construction has further restricted access to WL; Staff must use the walkway to gain south access to the Nurses' Residence and BRHC; Lab's east entrance remains closed to vehicular traffic
- Microbiology lab now occupying 5th Floor east of the General Centre; internal impact only
- The lab's primary couriers continue to deliver to the BRHC loading dock with funeral homes and smaller pick-ups/drop-offs occurring through the Van Horne Ave access door
- Internal drop-off and pick-up remains unaffected by any closures
- South entrance public parking remains closed
- Specimen Management cooler and unpacking area are located at the front of the lab

Project Overview

A step-wise approach will ensure service continuity and will not affect patient care

1. Construction of new Space

- ✓ Open Van Horne Ave. entrance
 - ✓ Construction of walkway from sidewalk to south entrance door for staff access and emergency exit
 - ✓ Excavation for basement
 - ✓ Renovations to 5th floor General Centre to accommodate Micro relocation
 - ◆ Construction of new addition
 - ✓ Micro relocation
 - ✓ Construction of dust proof wall in existing lab area
 - ✓ New addition to be joined to existing lab
 - ◆ Installation of mechanical, electrical and benching
 - Completion of interior design
 - Relocation of Specimen Management, Hematopathology, Transfusion Medicine, Chemistry, Microbiology, Media and Wash-Up areas to new lab space
2. Renovation of Existing South-End Lab
 3. Renovation of Existing Mid-Area Lab
 4. Renovation of Existing Pathology Office
 5. Final Move into new space - Pathology & Admin

✓ Completed
 ◆ In progress

WL Redevelopment Updates will be issued to WL/DSM staff and partners as the project develops.

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