WELCOME
“WE SERVE AND PLAN FOR OUR COMMUNITY TODAY, WHILE ASSESSING AND ADAPTING TO THE NEEDS OF TOMORROW.”
McCormick Road/Alderman Road intersection and road closure

May 22-August 17, 2023
Planned McCormick and Alderman Road Closures
SUMMER 2023

Left turn only from eastbound McCormick onto northbound Alderman

McCormick Road
O’Hill Dining

McCormick Dorms

Road closed for construction

Turn direction
LOW TEMPERATURE HOT WATER PROJECT

Paul Zmick
Director of Energy and Utilities
<table>
<thead>
<tr>
<th>Timeframe / cost</th>
<th>2018-2023 / $38.4 million</th>
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<tbody>
<tr>
<td>Three phases</td>
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<tr>
<td>1 - Convert buildings already on MTHW to LTHW</td>
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<tr>
<td>2 - Install 600% efficient heat recovery chiller in North Chiller Plant</td>
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<tr>
<td>3 - Convert buildings on steam to LTHW and remove steam distribution infrastructure</td>
<td>Currently on Phase 3, which is comprised of four subphrases McCormick Road is Phase 3A</td>
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<tr>
<td>Outcome / impact</td>
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<tr>
<td>Eliminate 19,000 tons of carbon emissions per year</td>
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<tr>
<td>$1-2 million in operation savings per year</td>
<td></td>
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<tr>
<td>20 million gallons of water savings per year</td>
<td></td>
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<tr>
<td>Aligned with/supports 2030 carbon neutral and 2050 fossil fuel free goals</td>
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Current Steam and MTHW

Future Steam and MTHW
MCCORMICK ROAD WEST PROJECT

Amy Eichenberger
Senior Project Manager

Charles Durrer
Senior Construction Manager
McCormick Road West Project Impact

Left turn only from eastbound McCormick onto northbound Alderman

Road closed for construction

Turn direction
LOW-TEMPERATURE HOT WATER PHASE 3A

John Marshall
Supervisory Team Leader

Chris Pouncey
Senior Construction Administration Manager
McCormick/Alderman Roads Project Impact

Left turn only from eastbound McCormick onto northbound Alderman
One-way traffic and pedestrian access during the closure
Left turn only from eastbound McCormick onto northbound Alderman

Detour routes
Q & A

McCormick-Alderman-Closure@virginia.edu