

September 20, 2017

Re: Environmental Impact Assessment (EIA)
University of Wisconsin – Madison
South Campus Utility Improvements
West Dayton Street: North Charter Street to North Park Street
University of Wisconsin – Madison
DFD Project # 15K1F

Potentially Interested Party,

The University of Wisconsin – Madison (UW-Madison) Facilities Planning and Management has retained Ayres Associates on behalf of the University of Wisconsin System Administration (UWSA) to prepare an Environmental Impact Assessment (EIA) for the proposed improvement of south campus utilities at UW-Madison along West Dayton Street from North Charter Street to North Park Street in Madison, Wisconsin. The EIA will be prepared in accordance with the Wisconsin Environmental Policy Act (WEPA), Wisconsin Statutes 1.11, and UWSA guidelines (Board of Regents' Resolution 2508, November 6, 1981). An initial requirement of the EIA is the scoping process. The intent of the scoping process is to identify at an early stage potential beneficial or adverse impacts of the project on the physical, biological, social, and economic environments. Because you or your agency or group may have an interest in the project, we are inviting you to participate in the scoping process.

Project Background

The UW-Madison campus is currently served by three heating and cooling plants: Charter Street Heating Plant (CSHP), Walnut Street Heating Plant (WSHP), and West Campus Cogeneration Facility (WCCF). The three plants supply steam, chilled water, and compressed air throughout campus. Electrical power is provided to campus by Madison Gas & Electric at five (5) primary locations and campus distributes the power to buildings from nine (9) substations.

The steam, condensate, and compressed air distribution system along Dayton Street serving the buildings on the south and east end of campus are at or near the end of their useful life. This section of the distribution system was installed shortly after the CSHP was constructed in the late 1950s. Due to age, failing insulation, and other utility failures in this area that have exacerbated deterioration, the south campus utility system is at risk for further failure and disruption of its distribution systems.

Additionally, there is not adequate electrical infrastructure in place along Dayton Street to provide an additional source of power to the CSHP, relying on a west distribution system that has become more susceptible to outages caused by electrical distribution issues. An additional source of power to the plant from the Kohl Center substation will improve the reliability of the CSHP, as well as the eastern and southern portion of campus serviced by this plant.

The proposed South Campus Utility Improvements project is the third phase of work that will improve the reliability of the steam and electrical distribution systems by replacing and adding the necessary infrastructure to complete the utility transmission loops through the south and east portions of campus.

Project: 19-0781.00 File:

The Phase I (\$4,128,300) and Phase II (\$3,472,000) projects were titled Dayton Street Central Utility Renovation (DFD Projects 10K2H and 13D2T). These utility improvements were identified in the 2005 Utility Master Plan.

Proposed Project Action

Project work includes replacement and construction of steam and primary electric/signal communication utilities along West Dayton Street. The limits of excavation along West Dayton Street will be from the eastern side of the North Charter Street intersection and extend beyond North Park Street to the eastern side of that intersection. Car, pedestrian, and bike traffic will require various detours and rerouting at various times throughout the project.

High pressure steam, pumped condensate return, and compressed air piping will be replaced and increased in size from the North Charter Street Heating Plant east along West Dayton Street to just beyond North Park Street (approximately 1,250 linear feet). Accommodations were made for a second utility tunnel to be bored under West Dayton Street and the Wisconsin & Southern Railroad during past utility and plant projects and would be part of the initial phase of construction. The City of Madison may also incorporate a new domestic water piping replacement installation within West Dayton Street to be coordinated along with this project.

Primary electric/signal communication utilities will be constructed along West Dayton Street between North Charter Street and North Park Street (approximately 1,350 LF). Two double conductor electrical circuits will be installed in new and existing primary electric ductbanks from the West Dayton Street Switching Station to the LaBahn Switching Station (approximately 2,100 LF). Project work also includes asbestos abatement of the steam pits and piping insulation as required. Upon completion of the utility systems, all areas disturbed by the project will be fully restored, including roadways, gutters, terrace areas, street trees, sidewalks, landscaping features, and site structures.

This project was enumerated in the 2015-17 UW System and State of Wisconsin capital budget with an authorized budget of \$15,488,000, related to the steam and electrical distribution systems by replacing and adding the necessary infrastructure to complete the utility transmission loops through the south and east portions of campus. Total budget costs are estimated to be \$19,300,000. Funding sources are still being determined at this time.

Below is a summary of the targeted project schedule:

Project Schedule

A/E Selection	April 2016
Preliminary Design Report and Drawings	May 2017
Bid Opening (Phase I)	Summer 2018
Begin Construction	Fall 2018
Substantial Completion	October 2019

A project location map and aerial photo of the project site are provided as Attachments 1 and 2, respectively.

EIA Schedule

The EIA report will evaluate the potential positive and adverse environmental impacts of the project in accordance with the WEPA and UWSA guidelines. Issues identified during the scoping process will be addressed in the Draft EIA report. As part of our standard EIA process, Ayres Associates will perform research using available databases and resources to collect information pertaining to environmental, social, economic, cultural, or historic aspects of the project. The Draft EIA report will be made available to the public for a 15-day comment period anticipated to start in late-October 2017. A notice will be published in state and local media to announce the availability of the Draft EIA. Following completion of the public comment period, a public information meeting will be conducted and any comments received will be evaluated.

Appropriate revisions will be incorporated into a Final EIA document based on comments received during the 15-day comment period and public information meeting.

If you are interested in this project, we welcome any comments, suggestions, or other input you feel are important. Please submit your comments related to this project in writing by **October 5, 2017**, for consideration in the Draft EIA report. Send your comments to:

Ben Peotter, PE
Ayres Associates
5201 E. Terrace Drive, Suite 200
Madison, WI 53718
PeotterB@AyresAssociates.com

If no comments are received from you or your group, we will assume that there are no project issues that negatively impact you, or that you would like to comment on.

Ayres Associates Inc

Ben Peotter, PE
Project Manager

BP:sm

Enclosure

RESPONSE FORM

Environmental Impact Assessment Scoping Process
South Campus Utility Improvements
University of Wisconsin – Madison
DFD Project # 15K1F
Madison, Wisconsin

I have the following comments regarding this project and items to be considered as part of the scoping process:

[Please write comment here. Attach additional pages if necessary.]

Please complete the following information and sign if submitting comments:

Name: _____

Title/Representing: _____

Address: _____

Telephone Number: _____

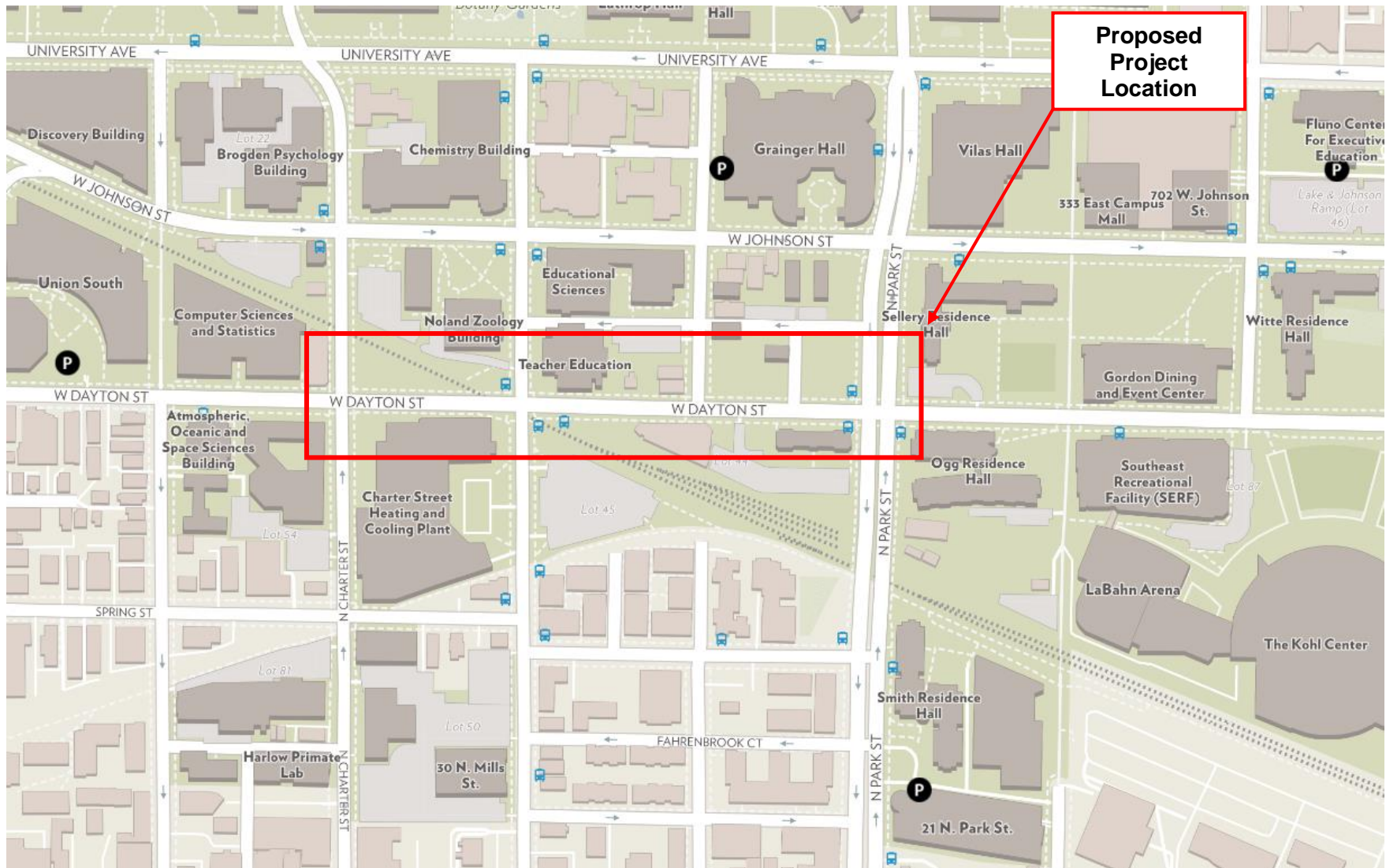
E-mail Address (optional): _____

Signature: _____

- I am interested in continuing my involvement in the public participation components of this project. Please continue to send me project notices.
- I am NOT interested in continuing my involvement in the public participation of this project. Please do NOT continue to send me project notices.

Please return this form by October 5, 2017, to:

Ben Peotter, PE
Ayres Associates
5201 E. Terrace Drive, Suite 200
Madison, WI 53718

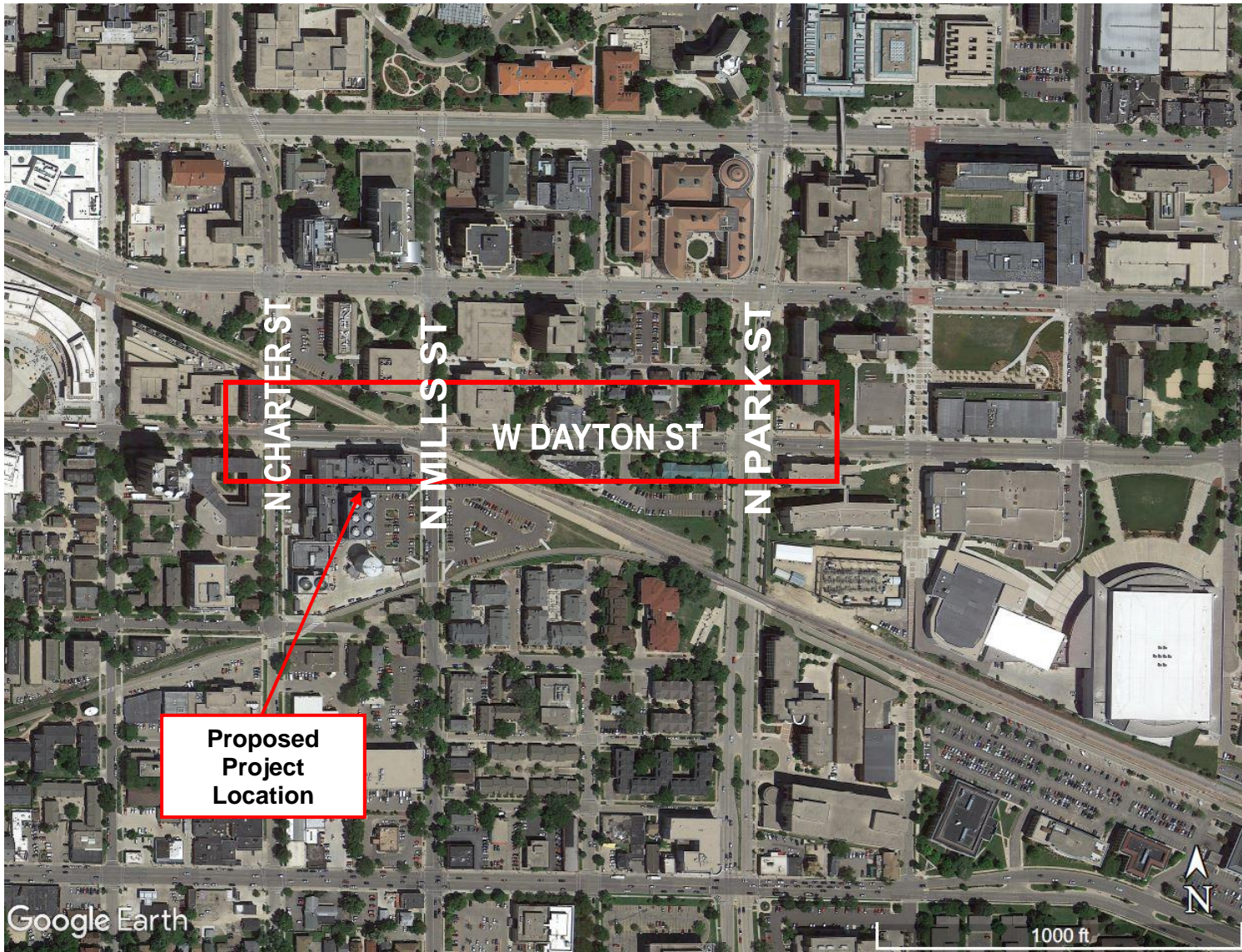


Base Map Source: University of Wisconsin, Campus Map - <http://map.wisc.edu/>

Attachment 1
Campus Map

Environmental Impact Assessment
University of Wisconsin – Madison
South Campus Utility Improvements
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Base Map Source: Google Earth Pro, 2014 aerial photograph

Attachment 2

Aerial Map of the Project Site

Environmental Impact Assessment
University of Wisconsin – Madison
South Campus Utility Improvements
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WEPA Compliance Document Distribution List										
South Campus Utility Improvements EIA										
University of Wisconsin - Madison										
DFD Project # 15K1F										
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Madison Public Library	Central Branch	201 W Mifflin St		Madison	WI	53703		ND		
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