



Department of Civil, Architectural &  
Environmental Engineering

August 7, 2018

Detroit Water and Sewerage Department  
c/o Stormwater Management Group  
6425 Huber Street  
Detroit, MI 48211

Dear Director Gary Brown:

Please consider this an application for the DWSD-DRP. I have been asked to submit my resume for review for the Dispute Review Panel.

DRP's are an important function of government to be responsive to public concerns. The panels have an important role in providing credibility in review of decision making processes. They can be means to quickly resolve issues of concern. I am familiar with the development of the DWSD-DRP since I have served on the DWSD-TRB. It would be an honor to serve on the board.

The University of Detroit Mercy exists to provide excellent student-centered undergraduate and graduate education in an urban context. A Detroit Mercy education seeks to integrate the intellectual, spiritual, ethical and social development of our students.

Sincerely,

Dr. Alan Hoback, PE  
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Detroit, Michigan 48221-3038  
313-993-1254  
www.udmercy.edu

## **Dr. Alan Hoback, P.E.**

### **EDUCATION**

Washington University, St. Louis, MO  
**Doctor of Science in Civil Engineering** (Ph.D. equiv.),  
Dec. 1993  
**M.S. in Civil Engineering**, May 1991.  
**B.S. in Civil Engineering**, cum laude, May 1989.

Hastings College, Hastings, NE  
**Bachelor of Physics**, May 1987.

### **EMPLOYMENT**

#### University of Detroit Mercy

Prof. Civil, Architectural & Environmental Engineering, Detroit MI. (5/1994-pres.) Teach senior design course which focuses on infrastructure design. Students work on projects such as suggesting drainage improvements to UDM's dental and main campuses.

#### US ARMY CORPS OF ENGINEERS

Senior Subject Matter Specialist, Vicksburg MS. Contract employee through third party. (1/1994-5/1994)  
Designed locks and dams. Replacement projects for Ohio and Mississippi Rivers.

#### WASHINGTON UNIVERSITY, St. Louis MO.

Teacher's Assistant, Tutor and Research Assistant (1989-1993). Researched design of locks and dams.

#### City of Hastings, Nebraska

Intern, Department of Public Works, (1987, 1988)

### **LICENSURE**

Licensed Professional Engineer. (Michigan 6201042717 1997)  
ATC-20 Volunteer Disaster Inspector.

### **CONSULTING RELATED TO INFRASTRUCTURE**

Urban Neighborhood Initiatives, (2017-2018). Redevelopment and drainage plan for Lawndale Center, 2026 Lawndale, Detroit.

Gesu Parish, (2016). Drainage plan for Gesu Parish, 17180 Oak, Detroit.

Trinity St. Mark's UCC, (2017-2018). Drainage plan for 9315 W. Fort.

#### **PUBLICATIONS RELATED TO INFRASTRUCTURE**

Value Densification Pilot Project, Bodurow, C., Hoback, A., Lechowski, T., Proceedings of the American Collegiate Schools of Planning (ACSP) National Conference, University of Wisconsin-Milwaukee, Oct. 18, 2007, pp 633-640.

GIS in the Civil Engineering Curriculum, Hoback, A.S., Proceedings of the Northcentral Conference-00, ASEE, 2000.

Bernasconi, C., Greene, H.H., Hoback, A., (2013). *"Walking in the City: Environmental Attributes and Judgments of Attractiveness and Security in Urban Walking Environments"*. Environmental Design Research Association Annual Conference, Providence, Rhode Island, May 30-June 1<sup>st</sup>, 2013

#### **PUBLIC SERVICE**

DWSD Technical Review Board. Member. 2017 to present.