

**Minutes of the Ad Hoc Stormwater Committee
Village of Shorewood Hills**

Mon., May 6, 2019

(review and approved at June 5, 2019 Committee meeting)

- 1) **Called to Order:** at 7:03 PM.
 - a) **Roll Call:** Committee Members Present: Chair/Village President Dave Benforado, Carolyn Benforado, Peter Hans, Mark Mandel, Eric Riedner, Gloria Beach. Greg Brauer was excused.
 - b) **Others Present:** Village Administrator Karl Frantz, Village Engineer Brian Berquist (Town and Country Engineering), Stormwater Engineer Amber Lefers (AE2S) and three Village residents.

- 2) **Meeting Notice:** D.Benforado inquired and K.Frantz confirmed that the meeting had been properly posted in compliance with open meeting laws.

- 3) **Review Prior Meeting Minutes:** Committee reviewed draft meeting minutes from April 10, 2019, meeting. **Motion to approve by P.Hans, second by M.Mandel. Approved (5-0), G.Beach abstained.**

- 4) **Update:** K.Frantz and B.Berquist updated the Committee on recent discussions between the Village and the City of Madison regarding stormwater matters.

- 5) **Presentation by A.Lefers (AE2S) on Stormwater Model Results:** A.Lefers distributed and discussed a number of materials with the Committee:
 - a) A color AE2S “Flow Distributions to University Avenue Corridor” map of the Willow Creek Drainage Basin dated 4/23/19;
 - b) A three-page AE2S memo titled “University Avenue Flood Mitigation Alternatives” dated 5/6/19, with three attachments:
 - i) A color table summarizing the four model runs the Village had requested, and their impacts on the four major intersections along University Ave (Midvale Blvd., Shorewood Blvd., UBay Drive/Farley, and Grand Ave.);
 - ii) A color topographical map dated 5/6/19 titled “Existing Conditions for Midvale Blvd.-University Ave. Intersection” with existing stormsewer pipes and key elevations noted;
 - iii) A color topographical map dated 5/6/19 titled “Existing Conditions for Shorewood Blvd.-University Ave. Intersection” with existing stormsewer pipes and key elevations noted;
 - iv) **Key finding** that A.Lefers emphasized in her memo and in her presentation to the Committee: filling the Garden Homes neighborhood in (moving it off the flood plain) slightly increases downstream flood levels; utilizing the entire Whole Foods parcel for simple detention does not adequately remedy flooding at either Midvale Blvd or Shorewood Blvd intersections (it might if it were very deep detention there with high capacity pumps); upstream rain gardens in the Willow Creek drainage basin are not the answer (would need 300-400 acres of rain gardens within the 1500 acre watershed); upstream detention areas in the Willow Creek drainage basin are not the

answer; the parallel relief storm sewer along University Ave between Shorewood Blvd and Grand Ave has marginal performance; providing additional capacity to Lake Mendota from the University Ave/Midvale Blvd intersection is a fairly critical aspect to any of the alternatives discussed to provide flood protection for large storm events;

- c) A color table summarizing the sixteen model runs the City of Madison had requested, and their impacts on the four major intersections along University Ave (Midvale Blvd., Shorewood Blvd., UBay Drive/Farley, and Grand Ave.).

6) **Continued discussion on initial findings of the Committee, preparation of interim report to Village Board:** Committee members finalized the Interim Report to the Village Board, asked K.Frantz to include the Interim Report in the materials for the upcoming May 20, 2019, Village Board meeting, and most Committee members indicated that they would be able to attend that Board meeting.

- a) **Motion by P.Hans, second by C. Benforado, to approve the Interim Report to the Board. Motion passed 6-0.**

7) **Future Meeting Dates:** Committee confirmed their next meeting dates:

- a) Wed., June 5, 2019 (7 PM).
- b) Wed., Wed., July 3, 2019 (7 PM), although the Committee may reschedule this meeting since it conflicts with the Village Dance at the Fire Station

8) **Adjournment:** Committee adjourned at 9:20 PM.

Respectfully submitted by Dave Benforado on May 30, 2019.