



## MEMORANDUM

**To:** MCWD Board of Managers  
**From:** Renae Clark  
**Date:** August 23, 2018  
**Re:** Arden Park – Pre Final Design Briefing

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### **Purpose:**

In advance of Edina Parks and Recreation Commission and City Council review of 90% project design in September, staff will provide the Board of Managers a design briefing regarding overall project layout, stormwater management, creek alignment and tree removal, structural materials, and a budget update.

### **Background:**

On November 9, 2017 the Board of Managers formally ordered the Arden Park Restoration project and approved a cooperative agreement with the City of Edina to jointly develop project design, sharing in the design and construction costs. The partnership with the City of Edina jointly advances the concept plan for Arden Park which integrates MCWD water quality and ecological restoration goals for the Creek system with community goals for Arden Park. The Arden Park Restoration project removes an existing dam in Minnehaha Creek at W. 54<sup>th</sup> Street which connects 9 miles of stream channel, treats approximately 84 acres of urban stormwater, and provides the opportunity for park facility upgrades and trail connections.

The design process includes three phases which started with an initial phase of creating an optimal creek alignment that maximizes ecological lift of the creek system, preserves trees, and limits cost. This phase also included gaining a better technical understanding of the site conditions and layout for stormwater management practices. The second phase provided design details and plan sheets, further defined creek hydraulics and channel design, site grading, and produced trail layout and bridge designs. The final phase of project design includes refining 60% design and developing final plans for public review and approval by the City and MCWD.

*We collaborate with public and private partners to protect and improve land and water for current and future generations.*

On May 24, 2018, the Board of Managers approved the 60% design which included project plans and an opinion of probable cost. The design team has recently submitted 90% design which includes plan sheets, specifications, opinion of probable cost, and design report. In accordance with the Agreement, the City will be requested to concur with the 90% design prior to Board approval of final design and advancing the project into the bidding phase.

**Next Steps:**

City and District staff will be hosting a public open house on August 23 from 5 PM- 7 PM in Arden Park (City Hall in case of rain).

Edina Parks and Recreation Commission will review the 90% design on September 4. City Council will be requested to concur in 90% design at their meeting on September 20. The Board of Managers will be requested to provide final approval of design and authorize staff to solicit bids for construction at their meeting on September 27.

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## Arden Park Design Development Process Summary

Design Process Summary			2017	2018												
Phase	Tast	Notes	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	
Value Engineering - 30% Design	Stream alignment	Review 1 will focus on issue/resolution of stream alignment, tree preservation, stormwater BMP footprint and concept														
	Tree preservation															
	Geotechnical analysis															
	Bridge and Pavian Study															
	Stormwater concept layout, footprint															
Public Review - 1	Public Open House	Open house suggested prior to Park Commission Mtg. on same night														
	Park Commission	01/09/18														
	Edina Council Briefing	01/17/18														
	MCWD Board Briefing	01/25/18														
60% Design Development	Building demolition plans															
	Creek terrace at pavilion															
	Trail layout and details															
	Overlook terraces and creek access points															
	Stormwater management design															
	Hydraologic and hydraulic modeling															
	Creek channel details															
	Permitting															
	Opinion of probable construction cost															
Public Review - 2	Public Open House	Suggested in the Park on Sat. 5/5/18														
	Park Commission	Open house prior to Park Commission Mtg. on same night 5/8/18														
	Edina Council Action	05/15/18														
	MCWD Board Action	05/24/18														
90% Design Development	60%															
	Technical specificaitons and project details															
	Permit decisions															
Public Review - 3	Public Open House	8/23/2018														
	Park Commission	09/04/18														
	Edina Council Action	Action for approval of design, permits, and authorization to bid 9/20/2018														
	MCWD Board Action	Action for approval of design, permits, and authorization to bid 9/27/2018														
100% Design		10/01/18														
Bidding		10/5/18 to 10/26/18														
Bid Award	Edina Council Action	11/07/18														
	MCWD Board Action	11/15/18														
Phase 1 Construction	Notice to Proceed	12/15/18														
Phase 2: Park shelter		5/27/19 - 11/8/19														

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