

CITY OF FALCON HEIGHTS  
Regular Meeting of the City Council  
City Hall  
2077 West Larpenteur Avenue

MINUTES  
September 11, 2013

- A. CALL TO ORDER: 7:00PM
- B. ROLL CALL: LINDSTROM \_X\_ HARRIS \_X\_ GOSLINE \_X\_  
LONG \_X\_ MERCER-TAYLOR \_X\_
- STAFF PRESENT: FISCHER \_X\_ TESSER \_X\_ PITTMAN \_X\_ GIGA \_X\_
- C. PRESENTATIONS:
1. Recognition of Deb Bloom Pam Harris Moved, Approval 5-0
  2. Presentation of Feasibility Report for Curtiss Field Drainage Analysis (Capitol Region Watershed District)  
-Bob Fossum from the Capital Region Watershed District provided the attached presentation regarding the feasibility study for the Council and answered questions from Council and residents.  
-Ginnie Allen, 1490 Idaho Ave: Expressed concern over the last Curtiss Field project that was not successful and questioned the City's liability if this project is also unsuccessful. She also expressed concern over basketballs entering the pond, and if a fence is placed around it that children will scale the fence in order to retrieve basketballs, which could lead to safety issues.  
-Craig Allen, 1490 Idaho Ave: Asked when the pipes used for the project might need to be replaced. Bob Fossum (CRWD) advised that they have a 40-60 year lifespan. Craig then asked about the possibility of tunneling under Snelling Ave to use the State Fair parking area for a drainage field. Bob Fossum (CRWD) advised that it was extremely unlikely that the State Fair or MnDOT would allow that option.  
-Deb Wiswell, 1543 Iowa Ave: Inquired as to whether or not the trees would have to come down or if other natural areas would be disturbed during the project. Bob Fossum (CRWD) stated that the project should be able to be completed without the removal of the existing trees and within the existing open field at the park.  
-No Council action was requested at this time, this presentation was informational only.
  3. Proclamation of Spinal Cord Injury Awareness Month Beth Mercer-Taylor Moved, Approval 5-0
- D. APPROVAL OF MINUTES: August 28, 2013 APPROVED
- E. PUBLIC HEARINGS:
- F. CONSENT AGENDA: Chuck Long Moved, Approval 5-0
1. General Disbursements through 9/5/2013: \$76,610.55  
Payroll through 8/31/2013: \$18,511.06

2. Approval of City Licenses
3. Declare costs for, order preparation of, and call for proposed assessment hearing on the 2013 Pavement Management Project

G: POLICY ITEMS: Keith Gosline Moved, Approval 5-0

1. Adopt Preliminary 2014 Levy

-City Administrator Bart Fischer presented the staff report and answered questions from the Council as Council discussed the agenda item.

-Bryan Olson, 1592 Roselawn Ave: Asked what the total Fiscal Disparity would be for 2014. City Administrator Fischer advised it would be about \$51,000. \*

\*NOTE: Upon further research, it was found that the Fiscal Disparity dollar amount provided by the City Administrator was incorrect. The \$51,000 is the amount of increase in Fiscal Disparities received by the City in the past 2 years. Total Fiscal Disparity dollars to be received in 2014 is \$223,129.

H. INFORMATION/ ANNOUNCEMENTS:

Council Member Beth Mercer-Taylor

-Provided an update on the September 9, 2013 Environment Commission meeting.

Council Member Chuck Long

-Provided an update on the September 9, 2013 Parks Commission meeting.

Council Member Keith Gosline

-Provided an update on recent NYFS activities.

Mayor Peter Lindstrom

-Announced that Jean Larson was the winner of the 2013 Sidewalk Poetry Contest. He also thanked the judges for their time and entrants for their submissions.

-Stated that he had the privilege to present the City's solar efforts to other city officials.

City Administrator Bart Fischer

-Announced the upcoming Community-Wide Garage Sale, Neighborhood Cleanup and 5k Family Fun Run.

I. COMMUNITY FORUM:

Bryan Olson, 1592 Roselawn Ave

-Voiced concerns about communication from City Hall.

-Voiced concerns about meeting minutes.

-Voiced concerns about the election article in the newsletter and the timing of it.

-Requested that a PDF version of the newsletter be placed on the website.

-Requested that packets and rosters for all commissions be placed on the website, in addition to the existing online Planning Commission and City Council packets.

Deb Wiswell, 1543 Iowa Ave

-Voiced concerns about discussions relating to the upcoming Hermes redevelopment project and the City's Public Hearing notification process. Informed by Bart Fischer that the required Public Hearing and notification process were followed.

-Stated that she would like to stay informed on upcoming meetings regarding Curtiss Field.

J. ADJOURNMENT: 8:46PM

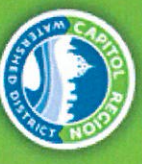
# Curtiss Field Pond Project



Falcon Heights Council  
Meeting

September 11, 2013

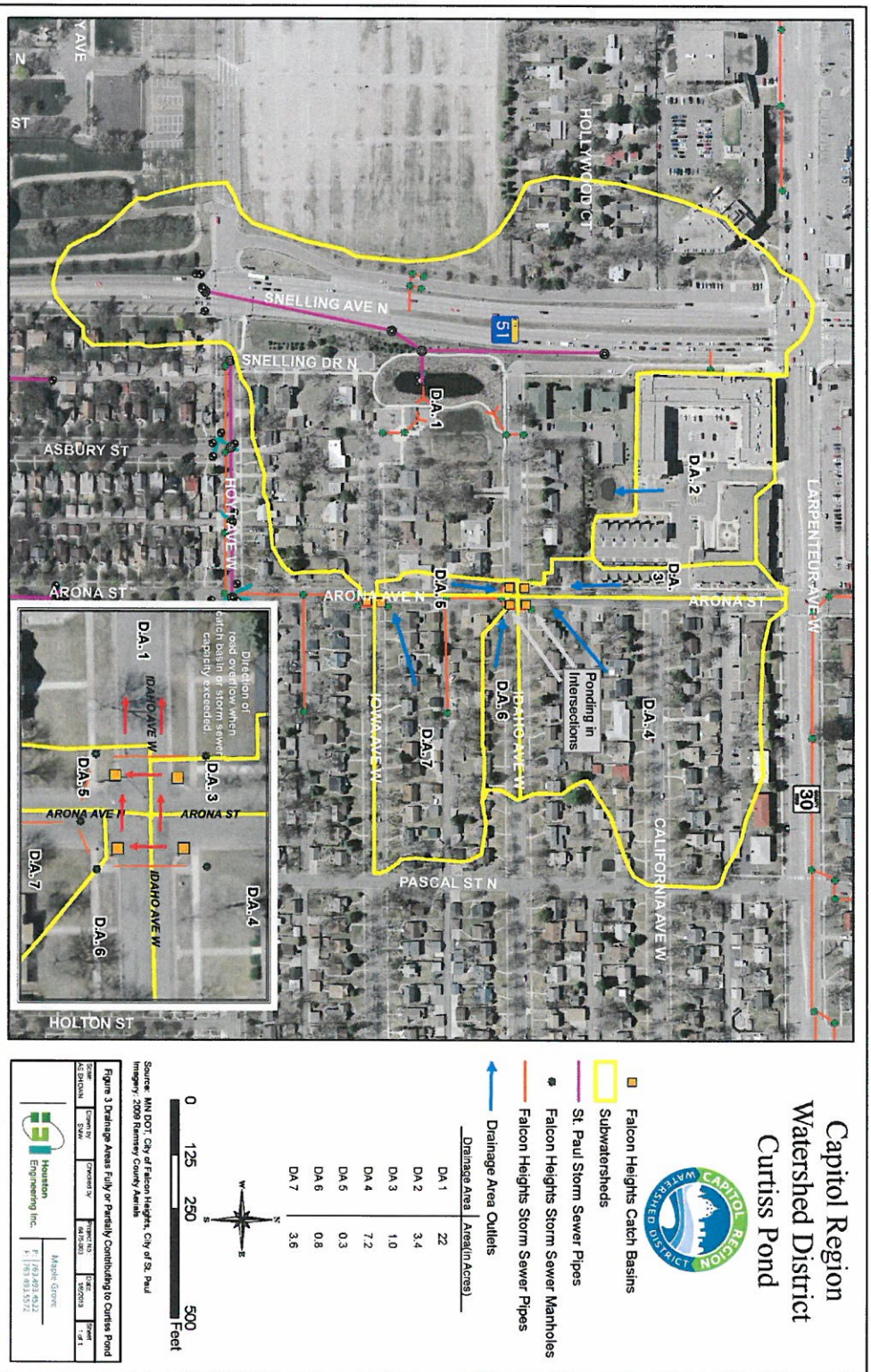
CAPITOL REGION WATERSHED DISTRICT



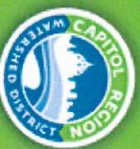
# Curtiss Pond

- Collects stormwater runoff from 38 acres
  - Residential neighborhood
  - Commercial property
  - Portions of Snelling Avenue
- Landlocked basin
- History of flooding the park
  - Limits use of park
  - Damages park infrastructure and building
  - Presents a safety concern

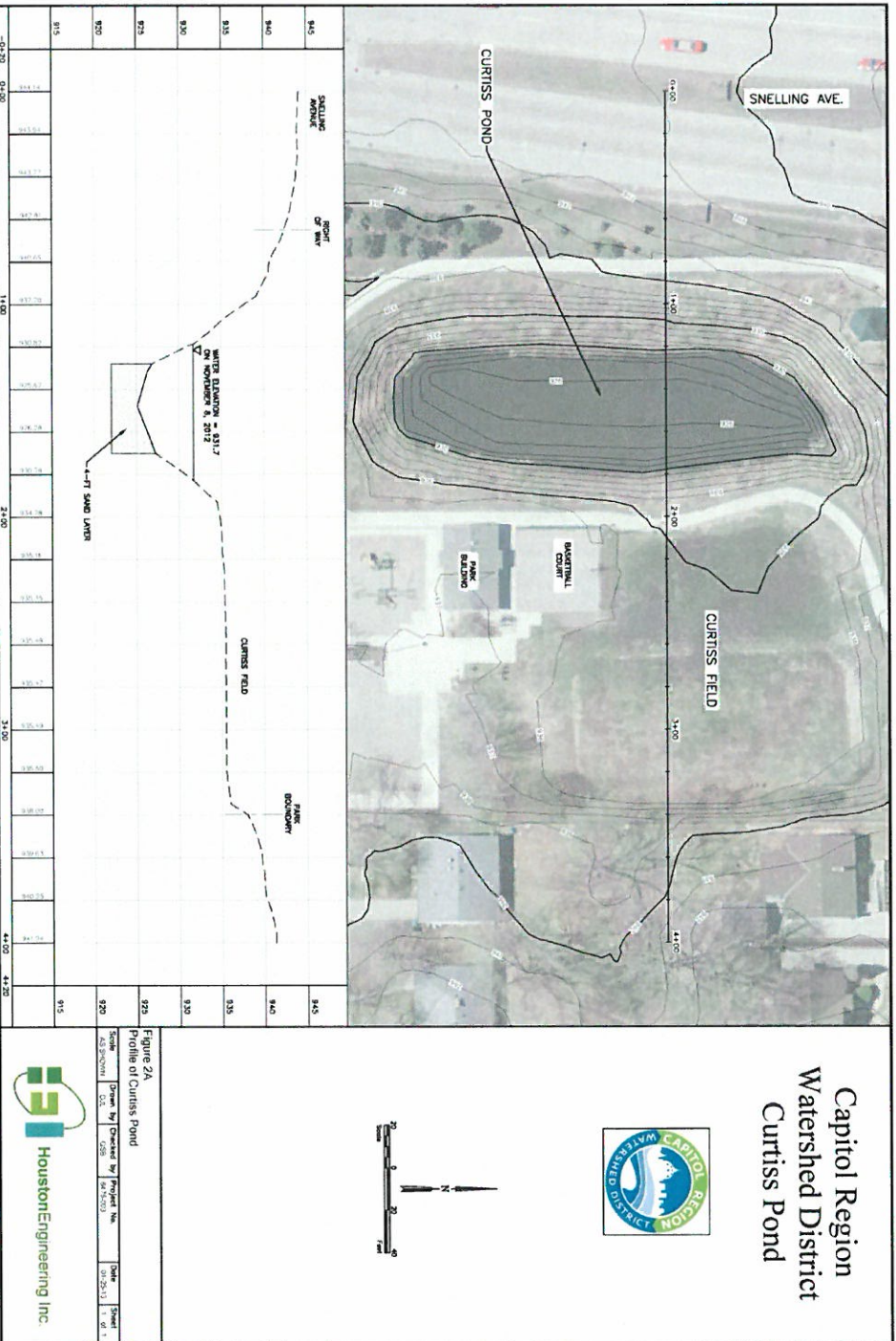
# Drainage Area



CAPITOL REGION WATERSHED DISTRICT



# Cross-Section of Curtiss Pond



CAPITOL REGION WATERSHED DISTRICT

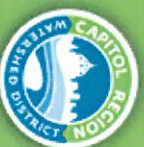
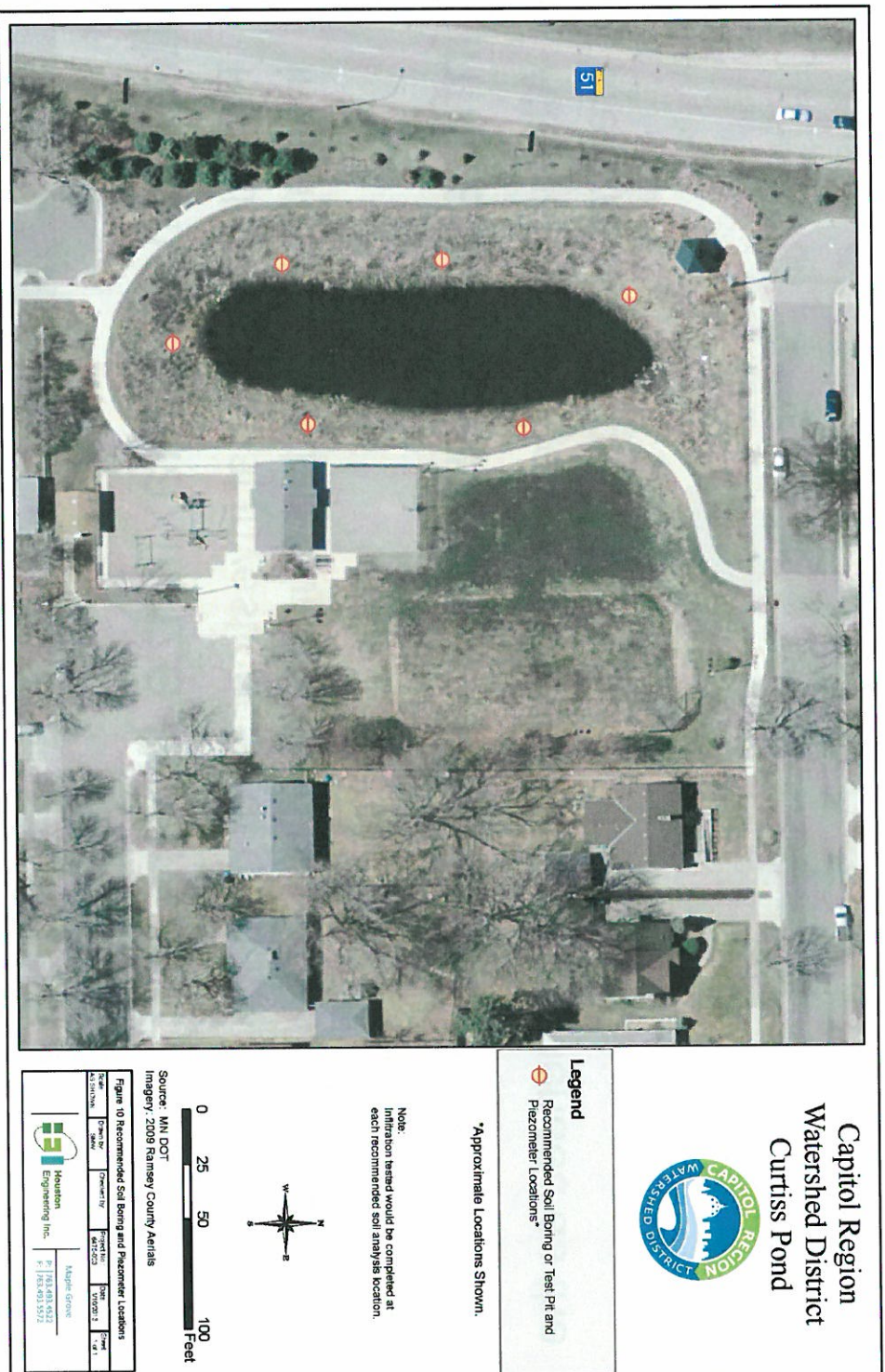


# Previous Recommendation

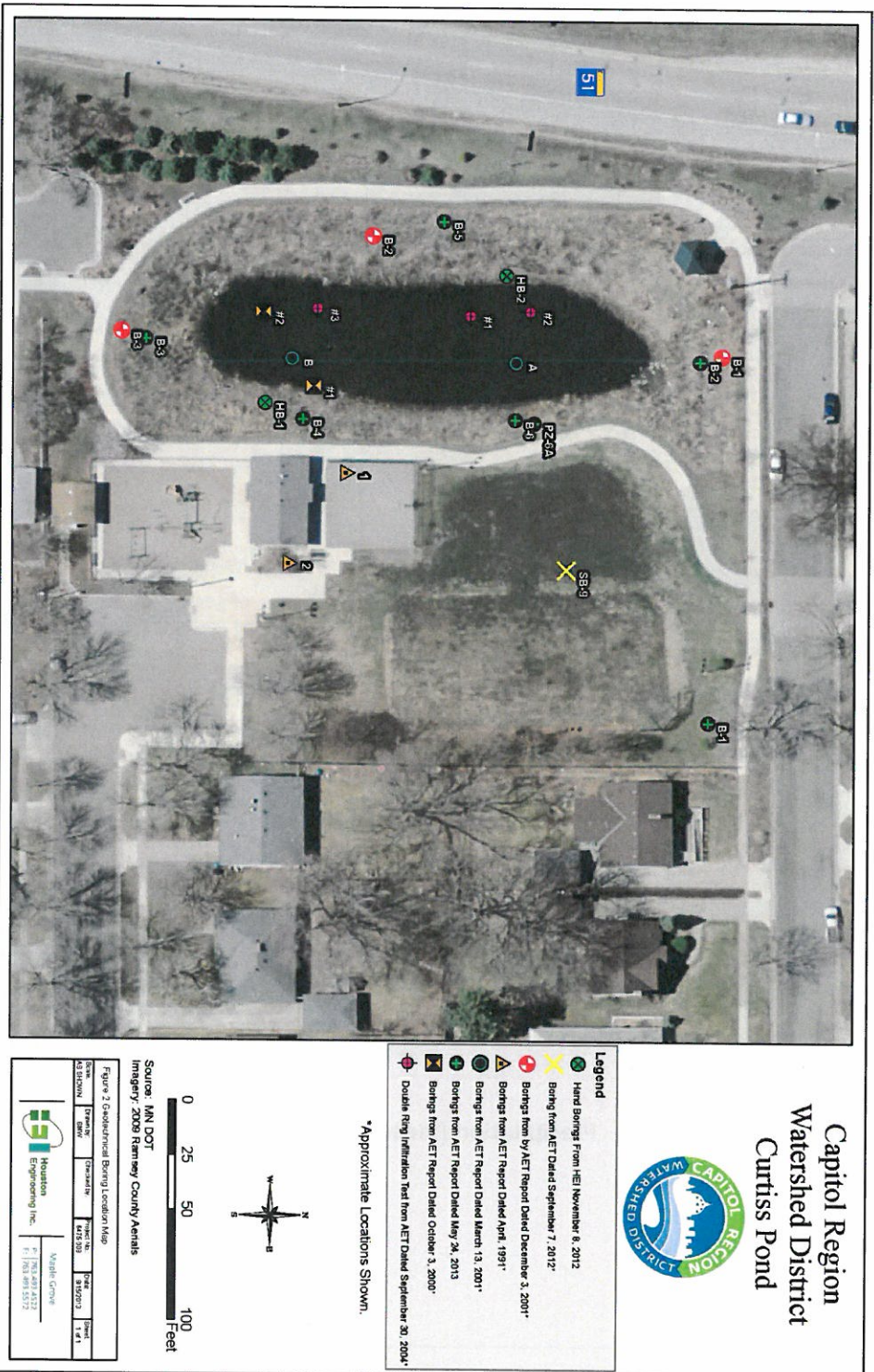
- **Alternative 2 (Maximize Infiltration)**
  - Provided additional investigation of groundwater elevations and infiltration rate within Curtiss Pond confirm assumptions
- **If infiltration rates can not be confirmed**
  - Alternative 4B (Increased storage) is recommended as the preferred alternative



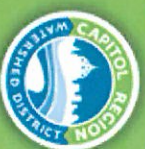
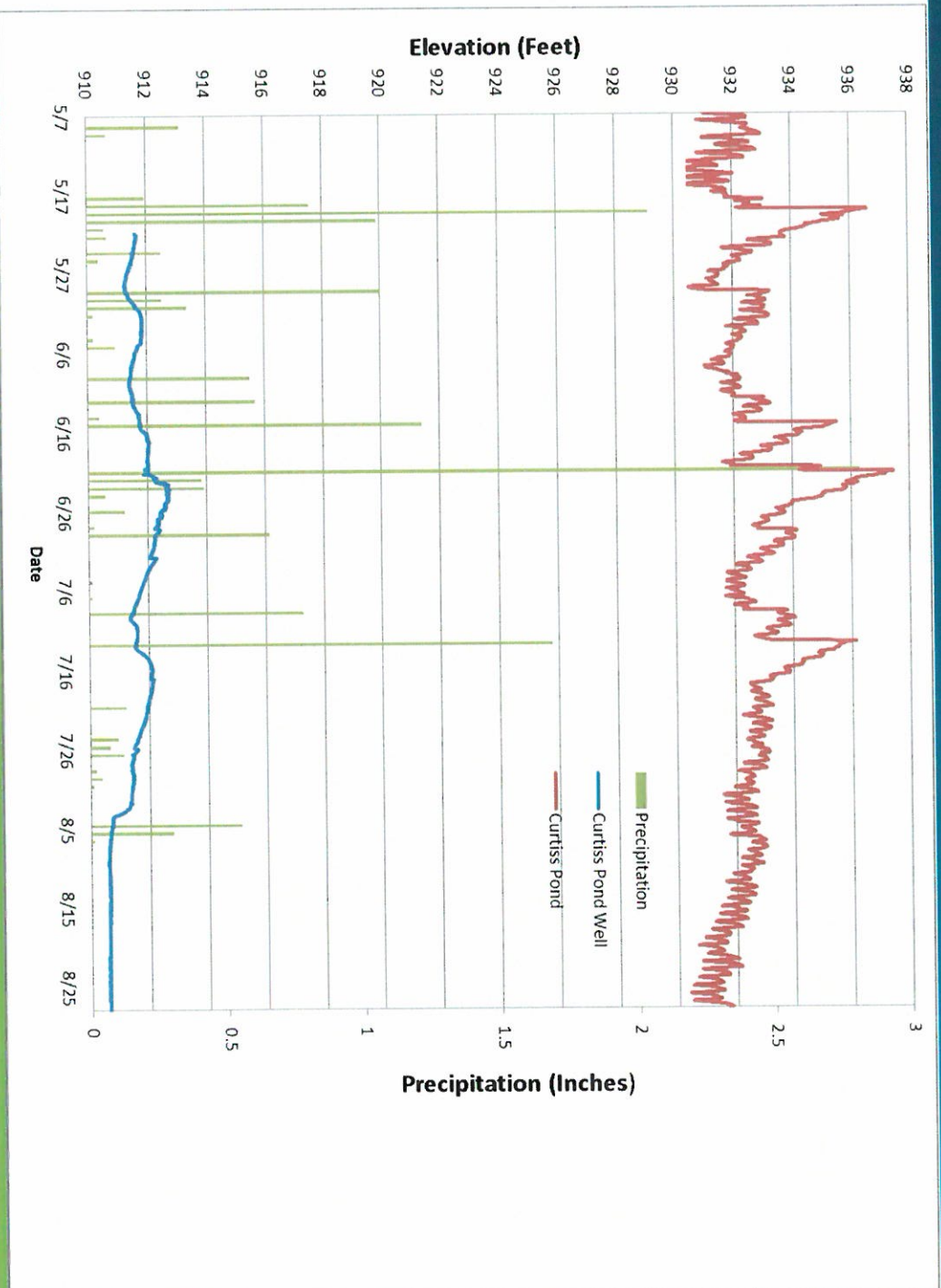
# Additional Soils Investigation



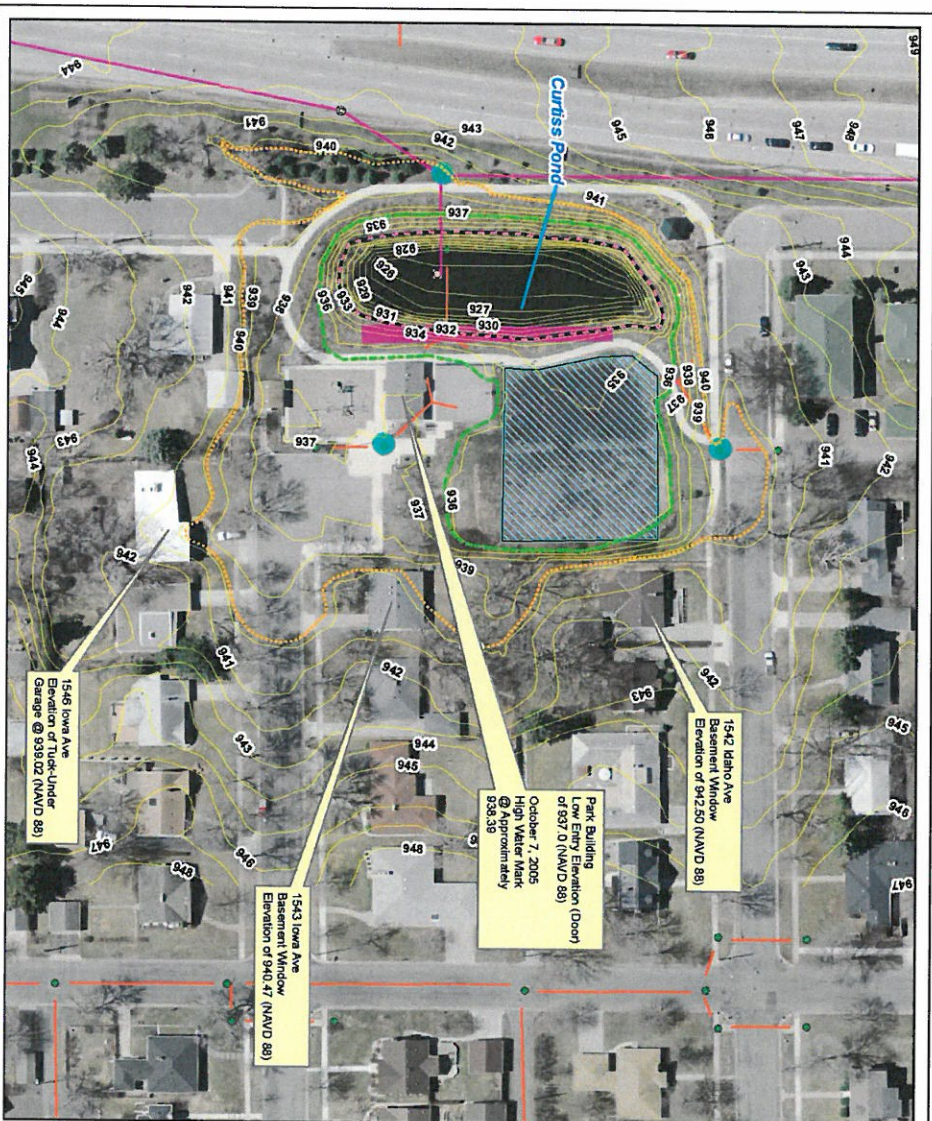
# Soil Sampling Locations



# Water Level Data



# Alternative 5A



Capitol Region  
Watershed District  
Curtiss Pond



**Legend**

- 2-Year Approximate HWL @ 932.7
- 10-Year Approximate @ 936.1
- 100-Year Approximate HWL @ 939.7
- 1 Foot Contours Created from LIDAR and Survey Data
- 10 ft. Wide & 150 ft. Long Infiltration Trench
- Pretreatment Device
- Ball Field Area to be Lowered One Foot
- St. Paul Storm Sewer Pipes
- Storm Sewer Manholes
- Falcon Highlights Storm Sewer Line



Source: MN DOT  
Imagery: 2008 Remsey County Aerials

Figure 9 Alternative 5A

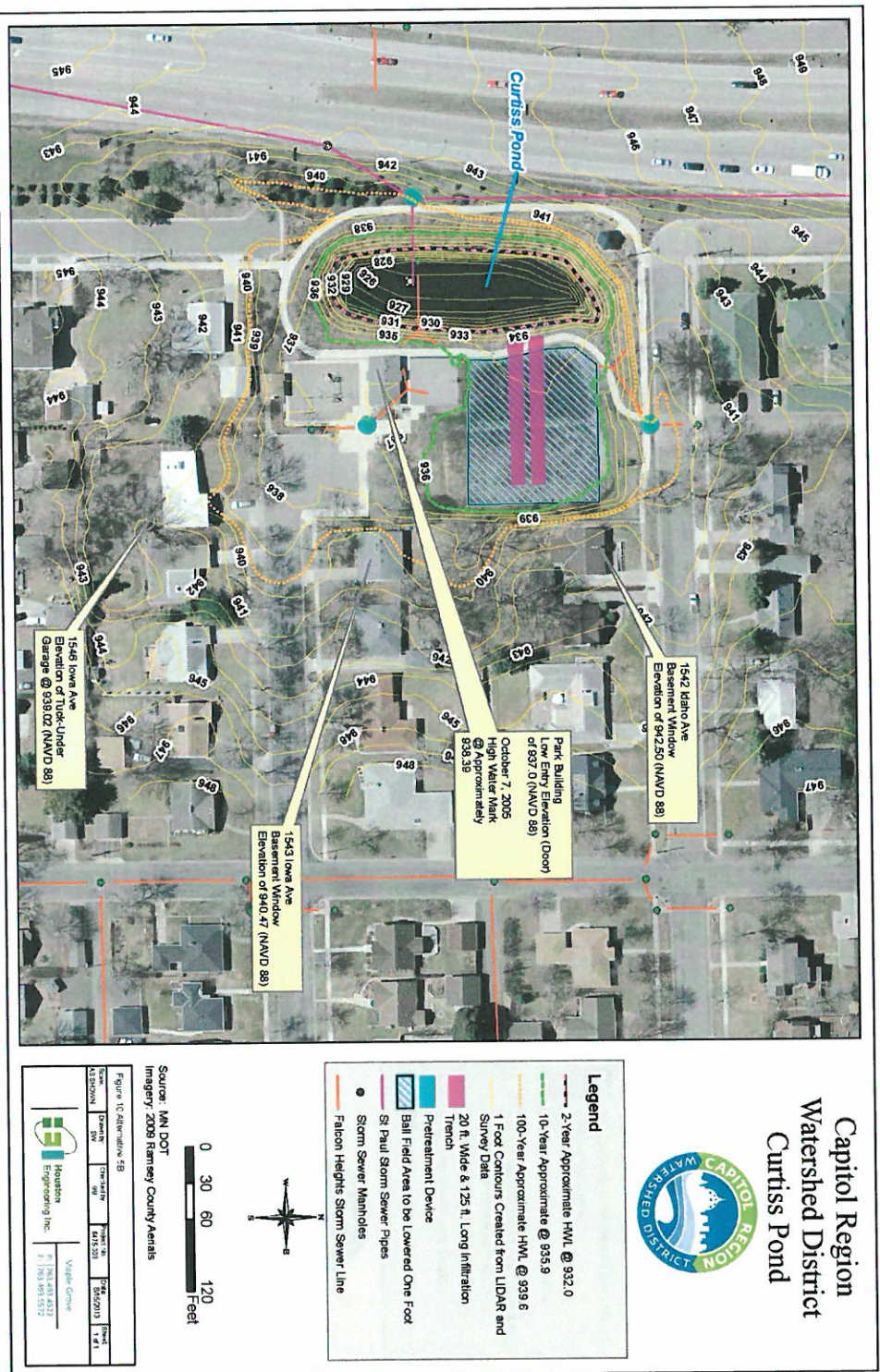
Date	Created	Created By	Project No.	Sheet
04/23/2009	04/23/2009	MS	0626203	1 of 1

Houston Engineering Inc. **Multi-Cadre**  
P: 713.465.4122  
F: 713.465.5122

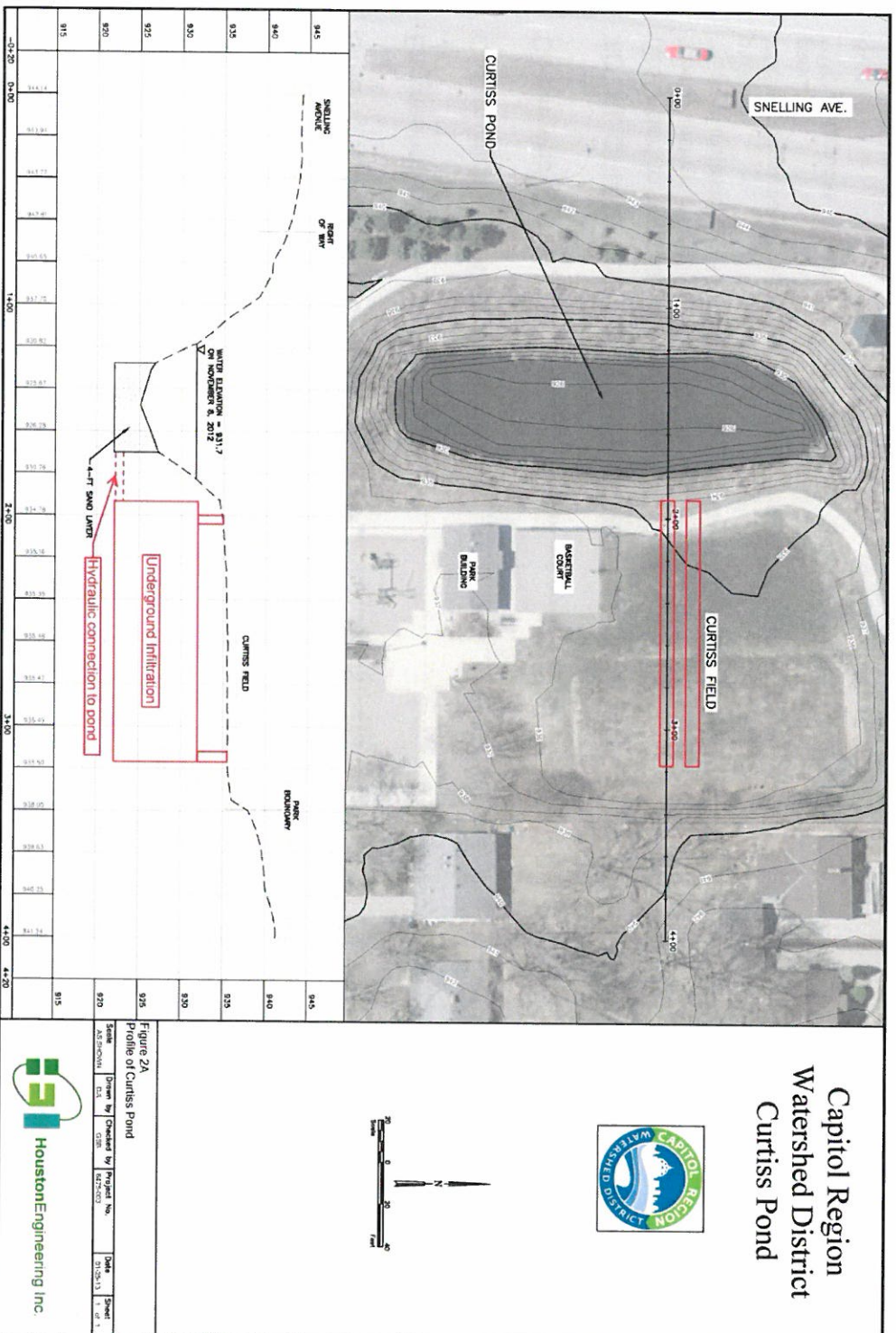
CAPITOL REGION WATERSHED DISTRICT



# Alternative 5B



# Profile view of Alternative 5B



Capitol Region  
Watershed District  
Curtiss Pond



Figure 2A  
Profile of Curtiss Pond

State	Drawn by	Checked by	Project No.	Date	Sheet
TX	M.F. CHOW	J.L.	1427-03	07/25/11	1 of 1



# Preliminary Cost Estimate

## Alternative #5 – Storage and Curtiss Pond Draw Down BMP Alternative

	Alternative=> 5A	5B
Hydrodynamic Separator*	\$ 126,000	\$ 126,000
Install Additional Storage BMPs	\$ 123,000**	\$ 182,000***
Grading and Restoration of Ball Field****	\$ 11,000	\$ 21,000
Engineering Design	\$ 80,000	\$ 80,000
Construction Administration/Inspection	\$ 20,000	\$ 20,000
Contingency (25%)	\$ 90,000	\$ 107,000
<b>TOTAL OPINION OF PROBABLE CONSTRUCTION COST</b>	<b>\$ 450,000</b>	<b>\$ 536,000</b>

(Rounded to nearest thousand dollars)

\*Cost of installation of three hydrodynamic separators (separator cost = \$42,000 each).

\*\*Cost of installation of 150 foot long, 120 inch diameter underground storage along the pond and removal of one foot of soil within

park.

\*\*\* Cost of installation of 250 foot long, 120 inch diameter underground storage within the park and removal of one foot of soil within

park.

\*\*\*\*Cost includes restoring ball field with sod.

Note:

1. Annual maintenance would include removal of sediment from the hydrodynamic separator and separator row, as needed, based on sediment loading. Estimated annual maintenance cost = \$7,500.



# Recommendation

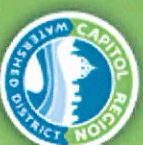
- Option 5B
  - Lower field 1 foot and storage under the field
  - Decreases risk of infiltration not occurring
  - Increases footprint of the infiltration area
  - Delivers water to area of better soils for infiltration
  - Increases longevity of system, better pretreatment



# Cost—Benefit Table

Table 11: Comparison of Preliminary Opinion of Probable Construction Cost, Technical Objectives and Pollutant Reduction for the Alternatives\*

Alternative	Preliminary Opinion of Probable Construction Cost	Level of Protection Technical Objective				Achieves Technical Objectives?
		Maximize Infiltration	Park** Building (937.0)	Lowest Adjacent Home (940.47)***	Inundation Time of Park (10-yr) (0.6 in/hr)	
1 Do Nothing	\$0	No	< 10-year (937.9)	< 100-year (940.6)	5.9	No
2 Maximize Infiltration	\$330,000	Yes	≈ 10-year (936.9)	< 100-year (940.1)	2.7	Yes
3A Storage and Infiltration	\$789,000	Yes	> 10-year (935.2)	> 100-year (939.3)	0.9	Yes
3B Storage and Infiltration	\$641,000	Yes	> 10-year (935.2)	> 100-year (939.3)	0.9	Yes
4A Storage BMP	\$610,000	No	> 10-year (936.2)	> 100-year (939.8)	2.7	No
4B Storage BMP	\$463,000	No	> 10-year (936.2)	> 100-year (939.8)	2.7	No
5A Storage and Draw Down	\$450,000	Yes	> 10-year (936.2)	> 100-year (939.7)	1.8	Yes
5B Storage and Draw Down	\$536,000	Yes	> 10-year (935.9)	> 100-year (939.6)	1.5	Yes



# Next Steps

- Neighborhood Meeting/Council Meeting
  - September 11, 2013
- Review Feasibility Study with MNDOT
  - Fall 2013
- Determine other Park improvements (by Falcon Heights)
  - September—December 2013
- Final Design
  - October 2013—February 2014
- Bidding
  - March 2014
- Construction
  - September 10, 2014—December 31, 2014



# Questions

Bob Fossum

Capitol Region Watershed District

[www.capitolregionwd.org](http://www.capitolregionwd.org)

651.644.8888

CAPITOL REGION WATERSHED DISTRICT

