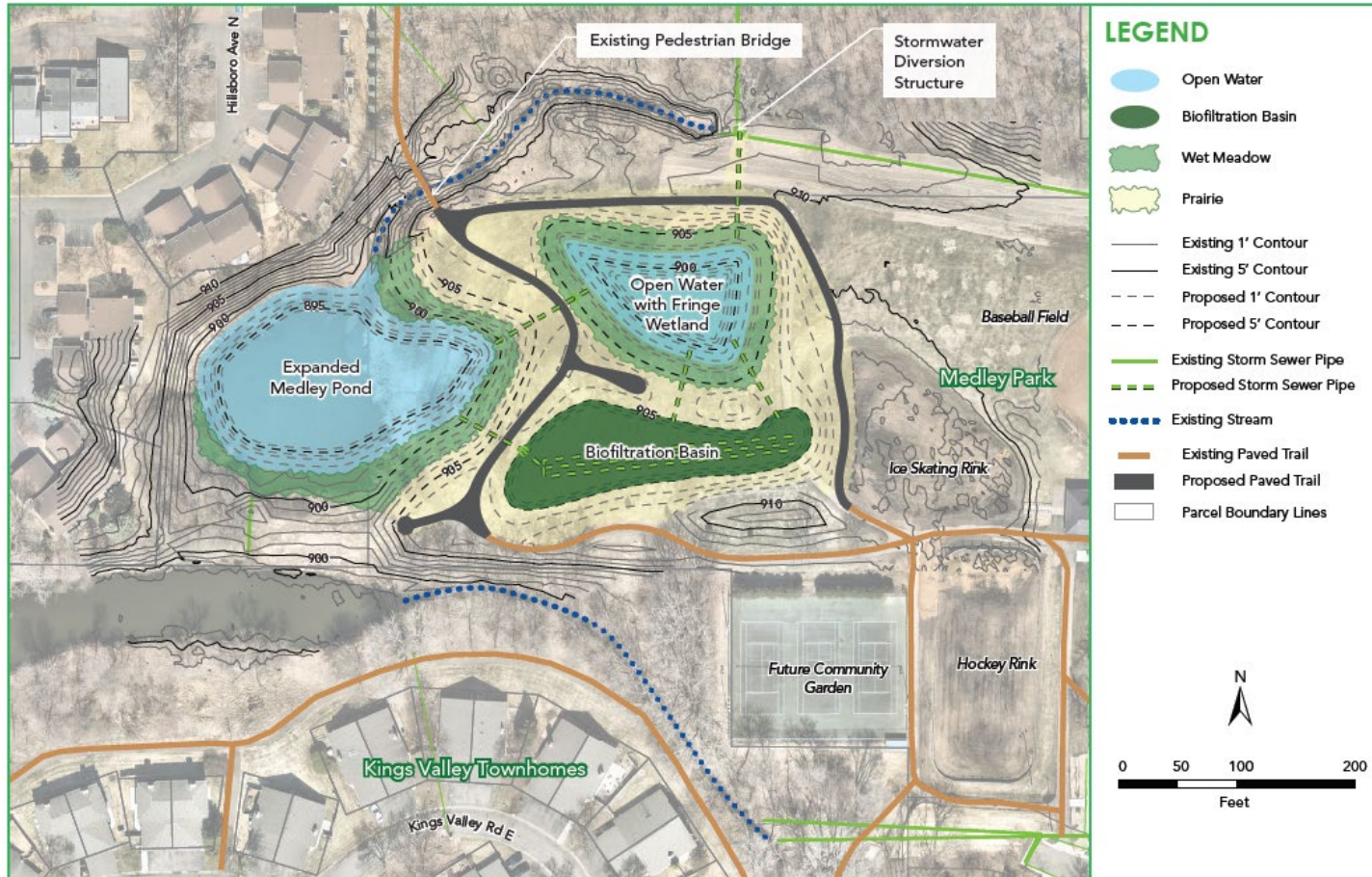








# Medley Park Alternatives – Concept 1

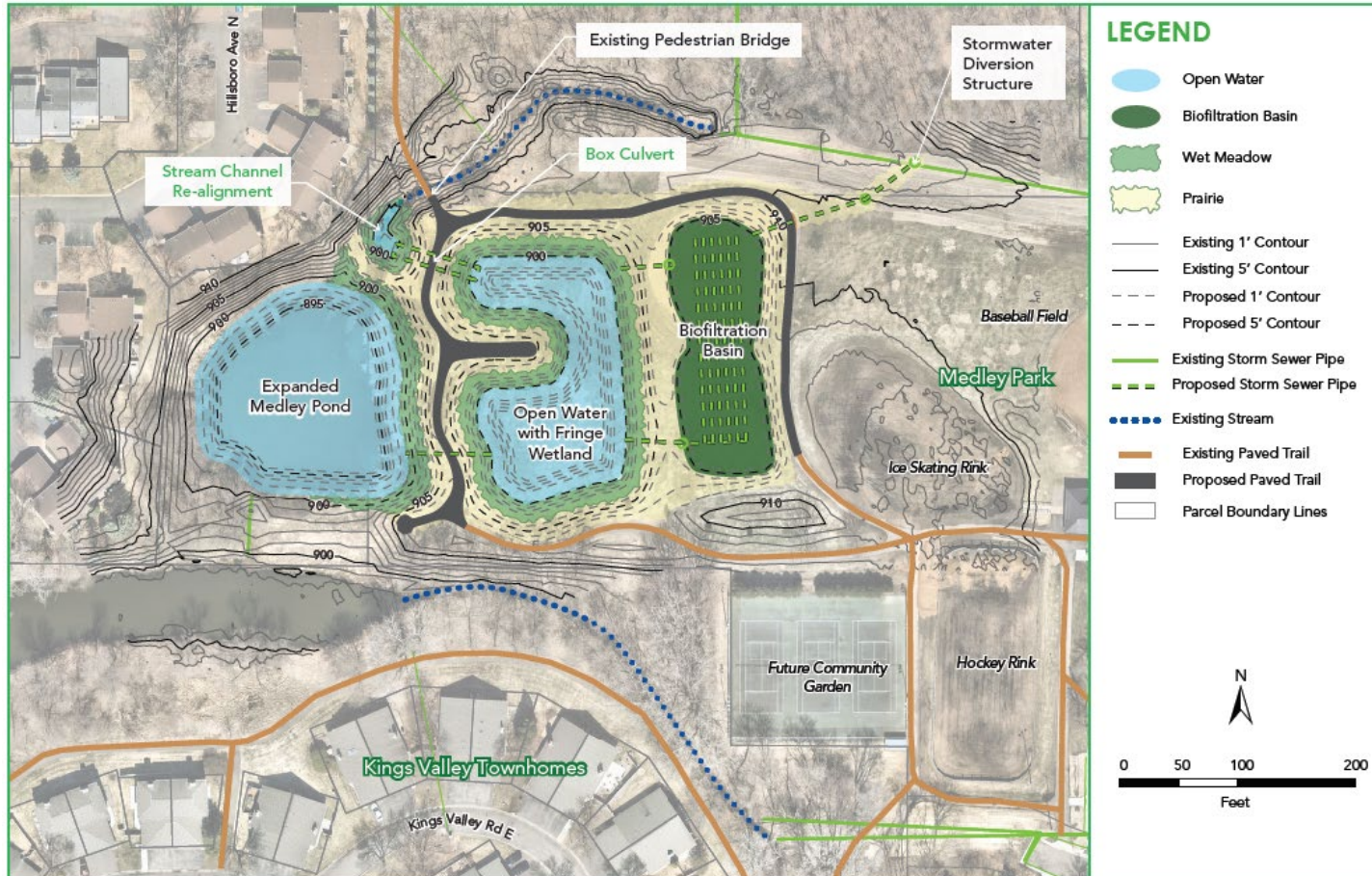


## Concept Summary

- 
**Additional Flood Storage Created:**  
 5.3 acre-feet
- 
**Improved Water Quality:**  
 Additional 14.0 lbs/yr phosphorus removed (1.2/lbs/yr dissolved phosphorus)
- 
**Restored Wetland and Prairie habitat:**  
 1.4 acres total
- 
**Open Water Area:**  
 0.9 acres total
- 
**Tree Removal Estimate**  
 7 trees total
- 
**At-Risk Flooded Structures (existing/proposed):**

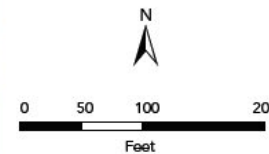
	25-yr	50-yr	100-yr
	6/1	15/11	20/17

# Medley Park Alternatives – Concept 2



## LEGEND

- Open Water
- Biofiltration Basin
- Wet Meadow
- Prairie
- Existing 1' Contour
- Existing 5' Contour
- Proposed 1' Contour
- Proposed 5' Contour
- Existing Storm Sewer Pipe
- Proposed Storm Sewer Pipe
- Existing Stream
- Existing Paved Trail
- Proposed Paved Trail
- Parcel Boundary Lines



## Concept Summary

**Additional Flood Storage Created:**  
6.0 acre-feet

**Improved Water Quality:**  
Additional 18.6 lbs/yr phosphorus removed  
(6.3/lbs/yr dissolved phosphorus)

**Restored Wetland and Prairie habitat:**  
1.2 acres total

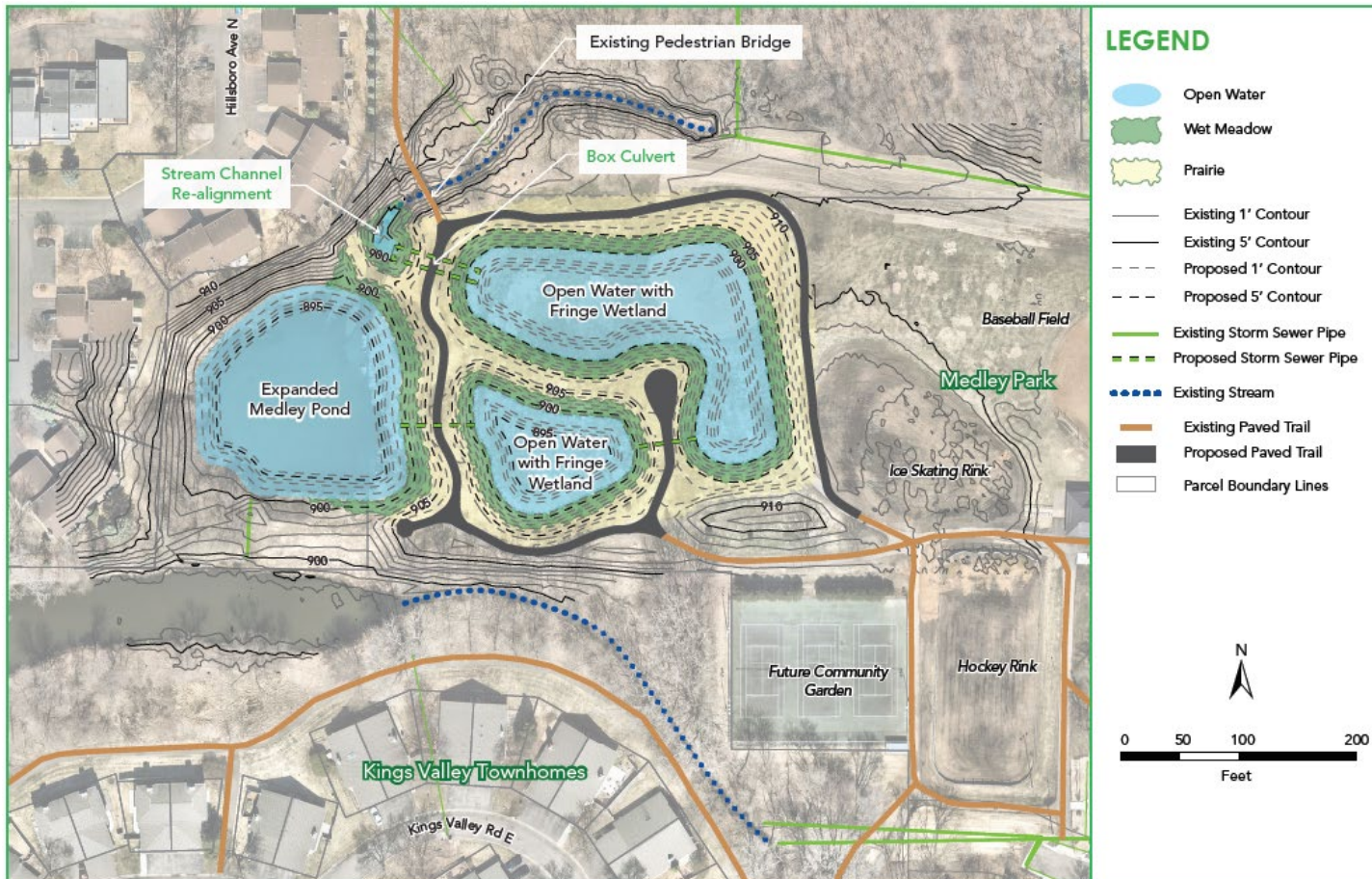
**Open Water Area:**  
1.0 acres total

**Tree Removal Estimate**  
7 trees total







**At-Risk Flooded Structures (existing/proposed):**

25-yr	50-yr	100-yr
6/1	15/11	20/17

# Medley Park Alternatives – Concept 3



## Concept Summary

-  **Additional Flood Storage Created:**  
8.3 acre-feet
-  **Improved Water Quality:**  
Additional 17.0 lbs/yr phosphorus removed (0.0/lbs/yr dissolved phosphorus)
-  **Restored Wetland and Prairie habitat:**  
1.1 acres total
-  **Open Water Area:**  
1.5 acres total
-  **Tree Removal Estimate**  
7 trees total
-  **At-Risk Flooded Structures (existing/proposed):**  

25-yr	50-yr	100-yr
6/0	15/10	20/17

\*Recommended Concept