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10/31/2018

Randy Anhorn  
Nine Mile Creek Watershed District  
12800 Gerard Dr.  
Eden Prairie, MN 55346

RE: Cities of Minnetonka and Hopkins Shady Oak Pond Request  
Southwest Light Rail Transit Project

Dear Mr. Anhorn:

The city of Minnetonka and the city of Hopkins would like to formally request Nine Mile Creek Watershed District (NMCWD) to consider implementing a regional stormwater plan for an area adjacent to the future Shady Oak Station. It is expected that this area will redevelop as the Southwest Light Rail Transit (SWLRT) project moves forward and there is a unique opportunity for the cities and watershed to partner with the project to simplify future stormwater requirements in this area. A regional stormwater plan will also provide better direction for developers as well as be consistent with treatment designs associated with the current SWLRT stormwater permit approvals. See attached map provided by the SWLRT project.

The proposal for regional stormwater treatment was initiated by the Southwest Project Office (SPO) who contacted both cities with an offer to expand the Shady Oak South Pond to assist with redevelopment in the area. According to SPO, the pond is able to be expanded and meet current NMCWD permit requirements for water quality treatment and the rate control. However, the available infiltration volume credit is the controlling variable for the area that can be redeveloped and routed to the regional pond. Based on the current SWLRT stormwater submittal sent to NMCWD, there is approximately 0.82 acre-feet of excess infiltration volume. Assuming 80% impervious, this correlates to 11.2 acres which is outlined in blue on the attached map.

For this plan to be implemented, SPO has asked the two cities to pay an estimated \$655,000 for pipe upsizing from the development area to the Shady Oak South Pond. The cities are supportive of this proposal, but due to the large capital expense want to ensure NMCWD approval is received prior to moving forward and verify that there won't be additional watershed requirements implemented at a future date.

We would like the watershed board to consider the concept of this request at their November 13<sup>th</sup> meeting. Please let us know if NMCWD staff is supportive of this request and also if any questions or additional information is needed. We will also be available to attend the NMCWD board meeting on November 13<sup>th</sup>.

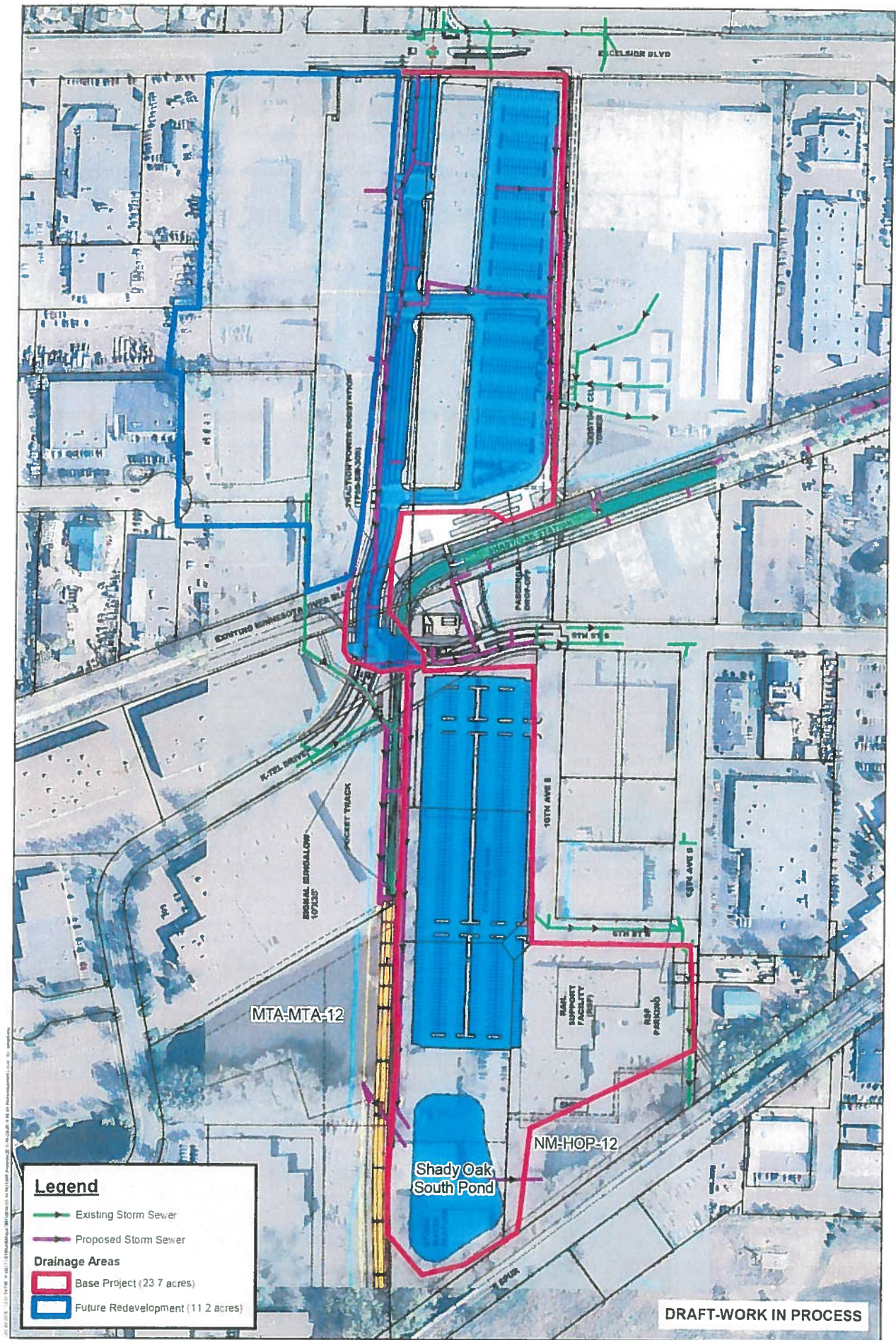
Sincerely,

A handwritten signature in black ink, appearing to read "Phil Olson".



Phil Olson, PE  
Assistant City Engineer  
City of Minnetonka

A handwritten signature in black ink, appearing to read "Nate Stanley".

Nate Stanley, PE  
City Engineer  
City of Hopkins



**Legend**

-  Existing Storm Sewer
-  Proposed Storm Sewer

**Drainage Areas**

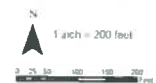
-  Base Project (23.7 acres)
-  Future Redevelopment (11.2 acres)

**DRAFT-WORK IN PROCESS**



**Shady Oak South Pond  
Drainage Area Exhibit**

DATE: 10/29/2018



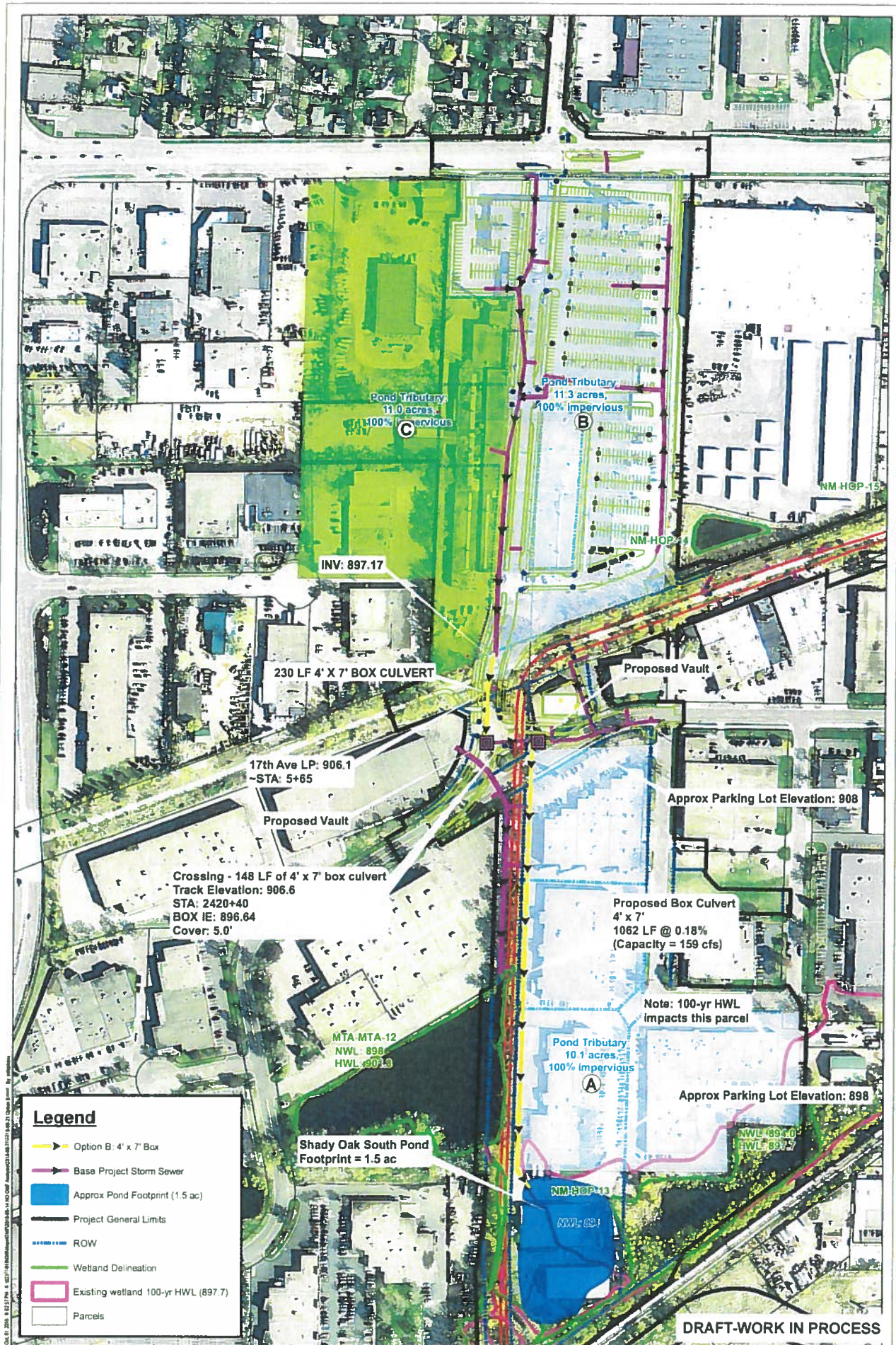


Figure 2 - Shady Oak Park and Ride Analysis Option B

DATE: 8/21/2018

