COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: May 22, 2017
AGENDA NUMBER: 6
ITEM: Request to Seek Bids Woodcrest Bank Stabilization Proj.

FISCAL IMPACT: $298,670
POLICY IMPACT: Policy

REQUEST
Authorize staff to seek bids for project

BACKGROUND
The Woodcrest Bank Stabilization project is identified in the District’s Capital Improvement and Comprehensive Plans. The project was prioritized for work as part of the District Bank Stabilization Program. The project area is the 1000 feet of channel between the railroad and pedestrian bridge and is intended to address the contribution of sediment loads to lower Coon Creek by addressing very severe bank erosion, incised channel and steep shaded vertical bank walls either side of the channel. Top of bank is densely wooded with mature trees and numerous fences, sheds and landscaping limiting access.

A similar project was constructed in 2014 addressing erosion in the 1000 feet upstream of the pedestrian bridge to the pond.

On September 14, 2015 the Board approved the 2016 budget. Including $0 (only staff time) for the Woodcrest Bank Stabilization Project to gauge interest from property owners, complete a feasibility study and complete an engineer’s estimate for the 2017 budget.

On January 25, 2016 the Board received an itemization of projects commencing in 2016, including the Woodcrest Bank Stabilization Project (Gauge interest).

On May 18, 2016 a meeting was held at Coon Rapids City Hall. Residents from 6 of the 22 invited properties attended. Residents concluded that a project is warranted and that the District should proceed for a 2017 project. Staff attempted contacting residents who did not attend by phone and door-to-door.

On May 24, 2016 Staff surveyed the project area and provided the data to Wenck.

On July 27, 2016 Wenck completed and provided a preliminary design and engineer’s estimate of $298,670.

On September 12, 2016 the Board approved the 2017 budget. Including $298,670 for the Woodcrest Bank Stabilization Project.
On January 23, 2017 the Board received an itemization of projects commencing in 2017, including the Woodcrest Bank Stabilization Project.

On February 27, 2017 the Board received an itemization of projects commencing in March, including the Woodcrest Bank Stabilization Project.

On March 8, 2017 a meeting was held at Coon Rapids City Hall. Residents from 2 of the 22 invited properties attended. Residents concluded that a project is warranted and that the District should proceed with cooperators agreements and securing a contractor.

On March 16, 2017 Staff mailed a follow-up letter to all 22 adjacent properties a summary of the open house and cooperators agreement.

On April 21, 2017 City of Coon Rapids, Wenck and District staff marked trees for removal.

On May 5, 2017 Staff hand delivered follow-up letters and cooperators agreement to 8 properties that had not yet executed the cooperators agreement.

**ISSUES/CONCERNS**

**Project Construction Estimate:** $298,670

**Cooperators agreements:** 18 of the 22 properties have signed a cooperators agreement for the project. 3 of the remaining 4 have not communicated with the District despite numerous attempts. 1 property is currently reviewing the agreement.

**Fences, sheds, trees, landscaping...** limit design options and present access difficulties.

**Design:** Remove two existing wood retaining walls. Relocate fence on one property. Remove and dispose of one shed. Place vegetated riprap or boulder wall along toe of either bank to a height of 4 feet above the channel bottom. Install rate control structures at 2 foot vertical intervals. Place additional rock at end of culverts.

**Tree Removal:** Trees have been marked for removal that interfere with rock placement, obstruct access or pose hazardous. Flagging has been provided to the residents to mark trees they wish to save. Staff has explained that saved trees will be the responsibility of the residents should they cause issues in the future.

**Access:** Through Woodcrest Park and along pedestrian bridge. Contractor will be required to work within the channel.

**Publication:** notice for bids required to be published in official District newspapers as project estimated cost exceeds statutory minimum. Notice for bids will also be published on the District website and Quest website.

**RECOMMENDATION**

Authorize staff to seek bids
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Woodcrest Phase 3: View Upstream

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