COON CREEK WATERSHED DISTRICT
BOARD OF MANAGERS' MEETING

October 28, 2013

The Board of Managers of the Coon Creek Watershed District held their regular meeting on October 28, 2013, at Bunker Hills Activity Center.

POLICY ITEMS

1. Call to Order: The meeting was called to order at 7:30 PM
Present: Warren Hoffman, Brad Johnson, Clayton Kearns, and Byron Westlund
Staff: Rebecca Haug, Tim Kelly, Ed Matthiesen, Diana Shonyo, and Michelle Ulrich
Others: Randy Hedlund of Hedlund Engineering, Andrew Witter of Anoka County
Highway Department

2. Approval of the Agenda: Motion to approve the agenda was made by Johnson and seconded by Kearns. Motion carried with four yeas (Hoffman, Johnson, Kearns, and Westlund) and no nays.

3. Open Mike: No one present

POLICY ITEMS

4. Approval of Minutes: Motion to Approve the Minutes was made by Kearns and seconded by Johnson. Motion carried with four yeas (Hoffman, Johnson, Kearns, and Westlund) and no nays.

5. Ditch 44-8 Impoundment: Findings of Fact, Conclusions and Order: Kelly noted Elwell was contacted for a meeting prior to this meeting date. There was no response from Elwell; as well he is not present at this meeting. Kelly stated Matthiesen’s presentation will clarify the concerns over the word impoundment and the 36 inch pipe. Matthiesen noted that impoundment of water has existed since the pipeline was installed. The existing 36” culvert has been functioning as a 12” culvert due to the culvert being crushed.

Motion to Adopt Findings of Fact, Conclusions, and Order was made by Johnson and seconded by Kearns. Motion carried with three yeas (Johnson, Kearns, and Westlund) and one abstention (Hoffman).

6. Bids and Award for Sand Creek Trail Stabilization: Kelly stated this project is in the 2013 budget. The following bids were received.

<table>
<thead>
<tr>
<th>Base Bid</th>
<th>Jedlicki</th>
<th>Sunram</th>
<th>Blackstone</th>
<th>Rachel</th>
<th>MNL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobilization-Demobilization</td>
<td>$650</td>
<td>$1,500</td>
<td>$3,500</td>
<td>$8,500</td>
<td>$1,800</td>
</tr>
<tr>
<td>Erosion Control</td>
<td>$500</td>
<td>$1,000</td>
<td>$500</td>
<td>$2,000</td>
<td>$1,000</td>
</tr>
<tr>
<td>Geotextile fabric</td>
<td>$375</td>
<td>$437.50</td>
<td>$156</td>
<td>$375</td>
<td>$625</td>
</tr>
</tbody>
</table>
Rip Rap-Class III | $11,340 | $9,483 | $11,880 | $10,260 | $27,000
---|---|---|---|---|---
Topsoil | $325 | $1,225 | $2,000 | $500 | $2,250
BWSR W4 Seed Mix | $160 | $320 | $320 | $640 | $320
Control Blanket | $240 | $400 | $160 | $800 | $320
Straw Mulch | $80 | $400 | $120 | $400 | $160
Site Access Restoration | $500 | $2,675 | $2,000 | $3,000 | $4,000
**Total** | **$14,170** | **$17,441** | **$20,636** | **$26,475** | **$37,475**

| **Alternate 1** | |
| Stream Barb | $2,940 | $2,800 | $3,325 | $2,800 | $7,000 |
**Total** | **$17,110** | **$20,241** | **$23,961** | **$29,275** | **$44,475** |

Motion to Award Contract to Jedlicki was made by Johnson and seconded by Hoffman. Motion carried with four yeas (Hoffman, Johnson, Kearns and Westlund) and no nays.

**PERMIT ITEMS**

7. **Unity Hospital:** The purpose of this project is the addition of new storm sewer line and infiltration basin at Lyric Lane and 75th Ave NE in Fridley, MN.

The staff report provided to the Board identified the following issues and concerns:

<table>
<thead>
<tr>
<th><strong>ISSUES/CONCERNS:</strong></th>
<th><strong>NEED</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stormwater &amp; Hydraulics:</strong> A post construction test on the infiltration basin will be required to verify the assumed infiltration rates are obtained. The applicant must acknowledge that they will conduct a post construction test on the infiltration basin by filling the basin to a minimum depth of 6 inches with water and monitor the time necessary to drain. The Coon Creek Watershed District shall be notified prior to the test to witness the results.</td>
<td>It is required by the district to use Atlas 14 rainfall depths as the basis of all modeling. Atlas 14 information as shown in the following web link. <a href="http://hdsc.nws.noaa.gov/hdsc/pfds/pfds_map_cont.html?bkmrk=mn">http://hdsc.nws.noaa.gov/hdsc/pfds/pfds_map_cont.html?bkmrk=mn</a></td>
</tr>
<tr>
<td><strong>Maintenance:</strong> A utility easement needs to be provided for the infiltration basin.</td>
<td>The last catch basin in the system (MH 100) should include a water quality unit and sump for pretreatment; or, the designer could include a sedimentation fore bay in the infiltration basin design.</td>
</tr>
</tbody>
</table>

Staff recommendation to approve with 6 Stipulations:
1. Receipt of $3,000.00 escrows.
2. The applicant must acknowledge that they will conduct a post construction test on the infiltration basin by filling the basin to a minimum depth of 6 inches with water.
and monitor the time necessary to drain. The Coon Creek Watershed District shall be notified prior to the test to witness the results.

3. Atlas 14 is the new district standard for rainfall depths used for modeling. Run the model using Atlas 14 rainfall depths.

4. A water quality unit and sump needs to be added to manhole 100 or a sediment fore bay needs to be added to provide pretreatment.

5. A utility easement for the infiltration basin needs to be provided and shown on plans.

6. City approval

Staff recommendation to Approve with 6 Stipulations was moved by Johnson and seconded by Hoffman. Motion carried with four yeas (Hoffman, Johnson, Kearns, and Westlund) and no nays.

8. Catcher’s Creek: The purpose of this project is the 70 lot residential development on 36.6 acres located inside the SE quadrant of the intersection of Andover Blvd NW (145th Avenue NW) and Prairie Road NW in the SE corner of the City of Andover, MN.

Kelly noted that the previous issues/concerns with this project were in the southern part of the property. Flood plain, wetland, endangered species are on this part of the property. These issues could not be resolved before winter, so two phases have been created for this project. After TEP meeting, the northern ¾ portion of the property will now be Phase 1.

The staff report provided to the Board identified the following issues and concerns:

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<td><strong>Local Planning &amp; Zoning:</strong> The proposed project is not currently consistent with local planning and zoning – plan sets reviewed by the Watershed District and the City of Andover are different dates.</td>
<td>The phasing plan submitted to the District is different than the phasing plan submitted to the City</td>
</tr>
<tr>
<td><strong>Maintenance:</strong> The proposed project includes a trail easement along the creek but not a 100 feet drainage and utility easement adjacent to Coon Creek as stipulated in the District rule. A drainage and utility easement is not provided for the storm water/infiltration ponds shown on the drainage plan.</td>
<td>These easement distances are to be addressed in phase 2.</td>
</tr>
<tr>
<td><strong>Wetlands:</strong> Wetlands do exist on-site according to the NWI, Soil Survey and 1987 Manual Midwest Regional Supplement. The wetland boundary has been reviewed. Staff will be issuing an</td>
<td>All proposed wetland impacts occur in phase 2. Provide a grading plan which clearly identifies all proposed wetland impacts.</td>
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</table>
approval of the wetland boundary application pending clarification of several items.

(Identify wetland Basin ID and total impacted area of the basin via separate hatching). This plan should be provided in the CCWD submittal and separately provided in the Wetland application package for TEP review in a scale which is sufficient for review.

The TEP has reviewed the application for wetland impacts. The application should clarify the proposed wetland impact size.

1. Part I of the Joint application states both 1,236 sq-ft (line 5) and 7,995 sq-ft (line 11).

2. The application should clearly show the location and square-footage of the proposed wetland impacts. On Figure CG– 1.0 it’s difficult to determine delineated wetland locations.

3. The area of excavation within the 100 year floodplain of Coon Creek along the southeast side of the development will likely require the crossing of wetland 2 with heavy machinery. This area should be identified and remediation plan provided including appropriate seed mix.

4. Provide supporting evidence for the applicants assertion “it is not possible to treat stormwater to required standards and discharge it into Wetland 1 as would be necessary to maintain wetland hydrology” or modify the statement.

5. Provide sufficient supporting evidence for the claim that Wetland 1 is surface water driven or modify the statement appropriately.

6. Clearly identify the wetland buffer signage on the proposed plans.
The applicant is proposing a minimum impact of approximately 10,800 square feet to the southern wetland adjacent to Coon Creek through drainage from the adjacent pond and the new outlet set at 871.0.

<table>
<thead>
<tr>
<th>Wetland impacts are restricted to Phase 2</th>
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<tr>
<td>A sequencing argument needs to be submitted as to why this drainage impact is unavoidable. This impact and any potential mitigation need to be reviewed by the TEP.</td>
</tr>
</tbody>
</table>

**Wildlife:** The proposed project does include the threatened species Loggerhead Shrike.

| Preserve scattered shrubs and trees or plant red cedar, hawthorn and plum trees for nesting. |

Staff recommendation to approve to grade Phase 1 with 5 Stipulations:

1. Submit the same set of plans with any revisions to both the City and the Watershed District.
2. Provide a grading plan which clearly identifies all proposed wetland impacts and phases for grading.
3. A sequencing argument needs to be submitted as to why this drainage impact is unavoidable. This impact and any potential mitigation needs to be reviewed by the TEP.
4. City approval
5. Applicant submit landscaping plans for the far western portion of Phase 1 that addresses landscaping and habitat needs for the Loggerhead Shrike.

Staff recommendation to Approve Phase 1 with 5 Stipulations was moved by Hoffman and seconded by Johnson. Motion carried with four yeas (Hoffman, Johnson, Kearns, and Westlund) and no nays.

**DISCUSSION ITEMS**

**INFORMATIONAL ITEMS**

9. **Boundary Amendment:** Kelly noted the amendment regarding Coon Rapids was approved last week. Some final procedures must be completed before the District approves.

**ADJOURN**

The meeting adjourned at 8:01 on a motion by Hoffman and seconded by Johnson. Motion carried with four yeas (Hoffman, Johnson, Kearns, and Westlund) and no nays.

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Byron Westlund, President