COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: April 14, 2014
AGENDA NUMBER: 14
FILE NUMBER: 14-030
ITEM: Coon Rapids Blvd (CR3) at Springbrook Drive, Coon Rapids

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: Doug Fischer
Anoka County Highway Department
1440 Bunker Lake Blvd NW
Andover MN 55102

PURPOSE: Expansion of the left and right turn lanes, adding a left turn lane and median

LOCATION: Intersection of Coon Rapids Blvd (CR3) at Springbrook Drive, Coon Rapids
APPLICABILITY:
1. Any work in or adjacent to wetlands, lakes or water courses.
2. High water table, outwash and organic soils.
3. High infiltration soils.
4. Highly erodible soils

EXHIBITS:
1. Stormwater review summary by Anoka County Highway Department; dated
   3/7/2014; received 3/10/2014
2. Plan set by Anoka County Highway Department; dated 3/7/2014; received
   3/10/2014

HISTORY & CONSIDERATIONS:
The intersection of CR 3 and Springbrook Drive is an urban area that is approximately
52’ wide on Springbrook and approximately 96’ wide on CR 3. Stormwater runoff is
collected from the roadway and adjacent areas. It is routed to Pleasure Creek just west of
Springbrook Drive. The ditch is connected to a stormwater detention pond approximately
30 acres in size.

FINDINGS:
Ditches and Drainage: There is not a public ditch on the property. The project site is
tributary to Pleasure Creek.

Floodplain: There is no floodplain on the property according to FEMA.

Groundwater: Groundwater information is not provided.

Maintenance: The proposed project does include a ditch maintenance easement or
utility line crossings. There are no proposed ponds or water features.

Historic Sites: The proposed project does not include sites of historic or archeological
significance.

Local Planning & Zoning: The proposed project is consistent with local planning and
zoning. There is an approved local water plan.

Maintenance: The proposed project does include a ditch maintenance easement or
utility line crossings. There are no proposed ponds or water features.

Soils & Erosion Control: Soils affected by the proposal are Seelyeville. Stabilizing
vegetation is not proposed for disturbed areas within two weeks of rough grading.
Adjacent properties are protected from sediment deposition. All wetlands, waterbodies,
ponds, infiltration basins and water conveyance systems are protected from erosion and
sedimentation. Project site is greater than 1 acre; an NPDES permit is required.
Stormwater & Hydraulics: The applicant is not meeting the volume management requirement equivalent to infiltrating runoff from the first inch of precipitation. The increase in impervious surface is 0.28 ac. Stormwater leaving the site is discharged into a well-defined receiving channel or pipe and routed to a public drainage system. Drainage sensitive uses do not exist downstream from the proposed site. The rate of post development runoff from the site does exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses.

Water Quality: Project does include new impervious drainage areas greater than 1 acre. There are no discharges into wetlands. The proposal will not detrimentally affect the existing water quality of the receiving water. The proposal will not cause extreme fluctuations of water levels or temperature changes.

Wetlands: Wetlands exist on-site according to the 1987 Federal Manual and its associated supplement(s), NWI, and Soils Survey. There will be no wetland impacts.

Wildlife: The proposed project does not include endangered & threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas, wildlife travel corridors. No substantial adverse alteration or significant detrimental impact on a species food supply, security or reproductive cycle or the alteration or removal of a plant species will occur.

Performance escrow: $2,795.00

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<th>ISSUES/CONCERNS:</th>
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<td><strong>Stormwater &amp; Hydraulics:</strong> The applicant is not meeting the volume management requirement equivalent to infiltrating runoff from the first inch of precipitation. All projects in the Coon Creek Watershed District must meet this requirement. However, the applicant met with the District in the fall of 2013 and asked for technical assistance in determining possibilities for meeting the standard. It was determined at that time that there is little to no opportunity here that would significantly benefit water quality. Therefore, the volume control requirement is not applicable for this project. The site discharges into Pleasure Creek. Pleasure Creek drains into a large detention basin approximately 30 acres in size. With the slight increase in volume the proposed</td>
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project will have no measurable increase in discharge rate.

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<th>Soils &amp; Erosion Control: The erosion control plan should state in writing that stabilizing vegetation is proposed for all disturbed areas within 14 days of rough grading.</th>
<th>1. Provide a statement on the erosion control plan that states that stabilizing vegetation is proposed for all disturbed areas within 14 days of rough grading.</th>
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<td>Escrows: $1,500 + (1.59 acres x $500/acre) = $2,795.00</td>
<td>2. Receipt of escrows</td>
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**RECOMMENDATION:** Approve with 2 Stipulations

**Stipulations:**

1. Receipt of escrows.
2. Provide a statement on the erosion control plan that states that stabilizing vegetation is proposed for all disturbed areas within 14 days of rough grading.