COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: July 23, 2012
AGENDA NUMBER: 8
FILE NUMBER: 12-057
ITEM: Coon Rapids Main Street Trail Extension

RECOMMENDATION: Approve with 3 stipulations

APPLICANT: City of Coon Rapids
Attn: Dave Full
550 Bunker Lake Blvd.
Andover, MN 55304

PURPOSE: Connection of two existing trail sections adjacent to Main Street.

LOCATION: Between Coon Rapids Blvd and Uplander Street in Coon Rapids
South side of Main Street
APPLICABILITY:
1. High water table, outwash and organic soils.
2. Any work within or adjacent to a Public Ditch within the Watershed District.
3. The lands and water that have been, or may be covered by the regional flood.
4. Excavation or filling or a combination of excavation and filling of sand or other excavation or fill material including the laying, repairing, replacing or enlarging of a culvert or an underground pipe or facility where it crosses a public ditch or waters of the state.

EXHIBITS:
Trail Improvement Plans (4 sheets) by City of Coon Rapids dated 7-29-08, received 7-29-08.

HISTORY & CONSIDERATIONS: This project has not been reviewed by the Board.

FINDINGS:
Ditches and Drainage: There is a public ditch on the property. The proposed trail has a crossing of County Ditch 54 immediately down stream from CSAH 14. The trend in land use for this drainage area is open space. There are no flooding concerns downstream.

Floodplain: There is floodplain on the property according to FEMA. The District model predicts the 100-year elevation for the subwatershed at 858.2 feet. The total floodplain impact is zero acre-feet, within the flood/fringeway. Compensatory storage is not needed.

Groundwater: Surficial ground water is present at an unknown elevation. It is unknown if the site includes groundwater sensitive areas. Information is not required to substantiate low floor elevations. No buildings are proposed.

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. The applicant has acknowledged the Districts easement over CD 54. No storm water/infiltration ponds are proposed or required and therefore no drainage and utility easement is shown on the drainage plan. The proposed project does not change drainage patterns.

Soils & Erosion Control: Soils affected by the proposal are Rifle and fill for existing road slopes. Stabilizing vegetation is not proposed for disturbed areas within one week of rough grading. Adjacent properties are protected from sediment deposition. All work adjacent to wetlands, waterbodies, ponds, infiltration basins and water conveyance
systems are not protected from erosion. Project site is not greater than 1 acre; an NPDES permit is not required.

**Stormwater & Hydraulics:** Stormwater leaving the site is discharged into a well-defined receiving channel or pipe but is routed to a public drainage system. Drainage sensitive uses do not exist down stream from the proposed site. The rate of post development runoff from the site does not exceed predevelopment rates. The City of Coon Rapids engineers have confirmed there is excess treatment from an upstream regional ponding system which discharges through this area.

**Water Quality:** Project does not include new impervious drainage areas greater than 1 acre. All discharges into wetlands are not pretreated by vegetated buffer. 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.

**Wildlife:** The proposed project does not include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.

**Wetlands:** Wetlands do exist on-site according to the Soils Survey and NWI. Wetlands have not been delineated. District Staff has visited the site. The project proposes no wetland impacts. Trail Construction is within the existing footprint of CSAH 14 and its sideslopes.

**Escrows:** Escrows have not been paid.

**Performance Escrow:** $1500 + ($200 * 2.0 acres) = $1900.00.

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<th>ISSUES/CONCERNS</th>
<th>Needs</th>
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<td>Escrows: Escrows have not been paid.</td>
<td><strong>Performance Escrow:</strong> $1500 + ($200 * 2.0 acres) = $1900.00.</td>
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<td><strong>Soils &amp; Erosion Control:</strong> Stabilizing vegetation is not proposed for disturbed areas within one week of rough grading.</td>
<td>Provide a note which states disturbed soils will be stabilized within 7 days of completion of grading.</td>
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<td>All work adjacent to wetlands, water bodies, ponds, infiltration basins and water conveyance systems are not protected from erosion.</td>
<td>Provide plans which show silt fence (or similar BMP) will be installed to prevent sediment from entering adjacent water bodies.</td>
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**CONCLUSIONS:** This project does meet District standards. Performance Escrows and Soils & Erosion Control items must be submitted prior to issuance of a Permit.
RECOMMENDATION: Approve with 3 stipulations

Stipulations:
1. Receipt of escrows.
2. Provide a note which states disturbed soils will be stabilized within 7 days of completion of grading. Provide documentation that states property owners affected by changes in drainage have been notified and have acknowledged the changes proposed.
3. Provide plans which show silt fence (or similar BMP) will be installed to prevent sediment from entering adjacent water bodies.