COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: March 14th, 2016
AGENDA NUMBER: 13
FILE NUMBER: 16 – 035
ITEM: Erlandson Park Bridge

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: City of Coon Rapids

PURPOSE: Replace exist pedestrian bridge for better accessibility

LOCATION: North of Egret Blvd NW, between Robinson Dr NW & Tamarack St NW crossing Coon Creek, Coon Rapids

APPLICABILITY:
1. Any work in or adjacent to wetlands, lakes or water courses.
2. The lands and water that have been, or may be covered by the regional flood.
3. Endangered, Threatened or Special concern species, elements of communities.
EXHIBITS:

HISTORY & CONSIDERATIONS:

FINDINGS:

Ditches and Drainage: There is not a public ditch on the property.

Erosion & Sediment Control: Soils affected by the proposal are Alluvial Land. Stabilizing vegetation is proposed for disturbed areas within 7 days of rough grading. Adjacent properties are protected from sediment deposition. All wetlands, waterbodies, ponds, infiltration basins and water conveyance systems are not protected from erosion and sedimentation. Project site is not greater than 1 acre; a NPDES permit is not required.

Floodplain: There is floodplain on the property according to FEMA. The District Atlas 14 model predicts the 100-year elevation for the subwatershed at 842.9 feet. The total floodplain impact is 0 acre-feet. Compensatory storage is not needed.

Groundwater: Surficial ground water is present at 839 feet. The site does not include groundwater sensitive areas. Information has not been provided to substantiate low floor elevations. The site is not within a Municipal Drinking Water Supply Area (DWSMA).

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 no approved local water plan.

Maintenance: The proposed project does not include a ditch maintenance easement. There are no stormwater Treatment Practices needed or required. No changes to drainage are proposed.

Stormwater & Hydraulics: Project is replacing a bridge, no additional impervious is proposed. 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 not exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses.

Water Quality: Project does not include new impervious drainage areas greater than 1 acre. 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.
Impairments: This project is within one (1) mile and drains to an Impaired Water. The Impaired Water is Lower Coon Creek. Lower Coon Creek is impaired for Aquatic Life (Macro-invertebrates). The major stressors of Total Suspended Solids (TSS). There is not an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for this water.

The project does propose site stabilization within 7 days after construction.

Wetlands: Wetlands do exist on-site according to the 1987 Federal manual, NWI, PWI, and Soil Survey. The project does not propose to fill, drain or alter the course, current or cross section of any wetlands or state protected waters.

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.

ISSUES/CONCERNS:

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<tr>
<th>Issue</th>
<th>Need</th>
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<tr>
<td><strong>Erosion &amp; Sediment Control:</strong> All wetlands, waterbodies, ponds, infiltration basins and water conveyance systems are not protected from erosion and sedimentation.</td>
<td>1. Floating silt curtain should be placed on plan downstream of construction activities. Revise plans to show downstream location of floating silt curtain.</td>
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<td><strong>Escrow:</strong> $2,000 + (0.12 acres * $500/ac) = $2,057.50</td>
<td>2. Receipt of escrows.</td>
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RECOMMENDATION: Approve with 2 Stipulations

Stipulations:

1. Receipt of escrows.
2. Revise plans to show downstream location of floating silt curtain.