COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: February 22, 2016
AGENDA NUMBER: 9
FILE NUMBER: 16-024
ITEM: Round Lake Blvd/Mississippi Drive/Crooked Lake/128th Ave Reconstruction

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: City of Coon Rapids
Attn: Mark Hansen
11155 Robinson Drive
Coon Rapids, MN 55433

PURPOSE: Street Reconstruction 16-3

LOCATION: Round Lake Blvd/Mississippi Drive/Crooked Lake/128th Ave
APPLICABILITY:
1. One or more cumulative acres of land disturbance.
2. Any work within or adjacent to a Public Ditch within the Watershed District.
3. Activities upstream from land that is dependent upon removal of water from the soil profile for their continued use (Drainage Sensitive Uses).

EXHIBITS:
1. Construction Plan set (20 sheets) by City of Coon Rapids, dated 1/26/16, received 2/3/16.

HISTORY & CONSIDERATIONS:
This item has not been before the CCWD board.

FINDINGS:
Ditches and Drainage: There is a public ditch on the property. The ditch is County Ditch 54. The ditch has been inspected in 2014. There are approximately 80 acres of existing agricultural land affected by this ditch. The trend in land use for this drainage area is toward open space and residential. There are flooding concerns downstream. No additional drainage proposed.
**Floodplain:** There is no floodplain on the property according to FEMA. The District Atlas 14 model predicts the 100-year elevation for the subwatershed at 862.8 at the north end of the project area to 858.2 feet on the south side. The total floodplain impact is 0 acre-feet, within the floodplain. Compensatory storage is not needed.

**Groundwater:** Surficial ground water is not provided and not needed.

**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. No changes to drainage are proposed.

**Soils & Erosion Control:** Soils affected by the proposal are Nymore and Rifle. No erosion control plan submitted with construction plans. Stabilizing vegetation is not proposed for disturbed areas within seven (7) days of rough grading. Adjacent properties are not protected from sediment deposition. Project site is greater than 1 acre; a NPDES permit is required.

**Stormwater & Hydraulics:** Project is mill and overlay, no additional imperviousness is proposed. Volume management requirements do not apply. 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 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.

This project is within one (1) mile and drains to an Impaired Water. The Impaired Water is Coon Creek (Ditch 57). Coon Creek is impaired for Aquatic Biota with major stressors of Suspended Solids and Turbidity. There is not an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for this water.

The project does not propose site stabilization within 7 days after construction. There is no new impervious surface proposed as part of this project

**Wetlands:** Wetlands do not exist on-site according to the 1987 Federal manual, NWI, PWI, and Soil Survey.
**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.

**Performance Escrow:** $5,500.00

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<th>ISSUES/CONCERNS:</th>
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<tr>
<td><strong>Water Quality:</strong> This project is within one (1) mile and drains to an Impaired Water. The Impaired Water is Coon Creek (Ditch 57). The project does not propose site stabilization within 7 days after construction.</td>
<td>Amend grading plan to ensure site stabilization within 7 days after construction <em>(See 1. a.)</em></td>
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| **Soils & Erosion Control:** Erosion control plan not submitted. Stabilizing vegetation is not proposed for disturbed areas within two weeks of rough grading. Adjacent properties are not protected from sediment deposition. | 1. Clarify erosion control plan for construction activities.  
   a. Stabilizing vegetation is not proposed for disturbed areas within seven (7) days of rough grading.  
   b. Adjacent properties are not protected from sediment deposition.  
| **Escrows:** $2,000.00 + (7 ac * $500.00/ac) = $5,500.00 | 2. Receipt of escrows. |

**RECOMMENDATION:** Approve with 2 Stipulations

**Stipulations:**
1. Clarify erosion control plan for construction activities.
   a. Stabilizing vegetation is not proposed for disturbed areas within seven (7) days of rough grading.
   b. Adjacent properties are not protected from sediment deposition.
2. Receipt of escrows, $5,500.00.