COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: March 14, 2016
AGENDA NUMBER: 11
FILE NUMBER: 16 – 029
ITEM: Evergreen Blvd-90th-93rd Avenue Reconstruction

RECOMMENDATION: Approve with 4 Stipulations

APPLICANT: City of Coon Rapids

PURPOSE: Street Reconstruction

LOCATION: Evergreen Blvd (Hwy 610 to 85th Ave), 90th Ave (Evergreen to Springbrook Dr) and 93rd Ave (Evergreen to Coon Rapids Blvd), Coon Rapids

APPLICABILITY:
1. One or more cumulative acres of land disturbance.
2. Endangered, Threatened or Special concern species, elements of communities.
EXHIBITS:
1. Construction Plan set (54 sheets) by City of Coon Rapids, dated 2/15/16, received 2/17/16.
2. Drainage Calculations by City of Coon Rapids, dated 2/3/2016, received 2/17/16.

HISTORY & CONSIDERATIONS:

FINDINGS:
Ditches and Drainage: The northern portion of Evergreen along with the 90th and 93rd Avenue drains to Pleasure Creek. The southern portion of the Evergreen construction area drains to Springbrook Creek. The trend in land use for this drainage area is toward open space and residential. There are no flooding concerns downstream. The public ditches were last inspected in 2011 and 2012. The ditches are not in need of repair.

Erosion and Sediment Control: Soils affected by the proposal are Lino, Markey, Kratka, Rifle, Seelyeville, and Zimmerman. No erosion control plan details submitted with construction plans. Stabilizing vegetation is not proposed for disturbed areas within
two weeks of rough grading. Adjacent properties are not protected from sediment deposition. Project site is greater than 1 acre; a NPDES permit is required.

**Floodplain:** There is no floodplain on the property according to FEMA. The District Atlas 14 model predicts the 100-year elevation for the subwatersheds as follows:

<table>
<thead>
<tr>
<th>Street</th>
<th>100-Yr Elevation</th>
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<tbody>
<tr>
<td>Evergreen Blvd (north)</td>
<td>870.5’ - 869.6’</td>
</tr>
<tr>
<td>Evergreen Blvd (south)</td>
<td>880.7’ – 868.3’</td>
</tr>
<tr>
<td>90th Avenue</td>
<td>870.8’ – 870.5’</td>
</tr>
<tr>
<td>93rd Avenue</td>
<td>874.4’ – 870.5’</td>
</tr>
</tbody>
</table>

The total floodplain impact is negligible, within the flood/fringeway. Compensatory storage is not needed.

**Groundwater:** Information on surficial ground water is not required.

**Maintenance:** The proposed project does include a ditch maintenance easement. A maintenance access to all storm water management features is provided. No changes to drainage are proposed. Inspection and maintenance of stormwater facilities will be the responsibility of City of Coon Rapids.

The Owner of the Stormwater Management features and treatment practices is City of Coon Rapids. The City of Coon Rapids agrees to maintain the Stormwater Treatment Practices (STPs) consisting of the following:

<table>
<thead>
<tr>
<th>Stormwater Treatment Practices</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stormwater Catch Basin</td>
<td>59</td>
</tr>
<tr>
<td>Underground Perforated Pipe</td>
<td>1,450 linear feet</td>
</tr>
</tbody>
</table>

The owner has submitted a Maintenance Plan for each Stormwater Treatment Practice as part of the City’s SWPPP. The Maintenance Plan is consistent with District Maintenance standards for each STP.

The owner agrees to maintain in perpetuity the Stormwater Treatment Practices in accordance with the approved maintenance plans and in a manner that will permit the Practices to perform the purposes for which they were designed and constructed. The Owner has signed a District Operations and Maintenance Agreement for Stormwater Facilities.

**Stormwater & Hydraulics:** Project is mill and overlay, there will be a decrease in imperviousness. 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 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.

The project site does lie within 1 mile of Impaired Waters. Stabilization of exposed soils must not exceed 7 days.

**Wetlands:** Wetlands are adjacent to the project site. Protection of these wetland must be provided on the Erosion and Sediment Control plan sheet.

**Wildlife:** The proposed project has a MN DNR habitat community within the southern portion of the site. The communities are noted and observed, but are not currently regulated. Therefore, the applicant does not need to take further action.

**Performance Escrow:** $11,500.00

**ISSUES/CONCERNS:**

<table>
<thead>
<tr>
<th>Issues</th>
<th>Needs</th>
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</thead>
<tbody>
<tr>
<td><strong>Erosion &amp; Sediment Control:</strong> No erosion control plan details submitted with construction plans. Stabilizing vegetation is not proposed for disturbed areas within two weeks of rough grading. Adjacent properties are not protected from sediment deposition. Location of erosion control measures need to be shown on plan set.</td>
<td>1. Provide erosion control plan for construction activities. Stabilizing vegetation needs to be proposed for disturbed areas within two weeks of rough grading</td>
</tr>
<tr>
<td><strong>Wetlands:</strong> The site does not contain any wetlands, but is adjacent to numerous wetlands since this is a linear, street project. Protection of wetland and all water bodies should be included in Erosion &amp; Sediment Control plan sheets.</td>
<td>2. Include wetland and other water body protection in Erosion and Sediment Control plan sheets.</td>
</tr>
<tr>
<td><strong>Water Quality:</strong> This site lies within 1.0 miles from Impaired Waters. This requires stabilization of exposed soils to not exceed 7 days. Erosion and Sediment control plan sheets should state a plan to follow this regulation.</td>
<td>3. Include 7 day soil stabilization statement on Erosion and Sediment Control plan sheet.</td>
</tr>
</tbody>
</table>
RECOMMENDATION: Approve with 4 Stipulations

Stipulations:
1. Provide erosion control plan for construction activities.
2. Include wetland and other water body protection in Erosion and Sediment Control plan sheets.
3. Include 7-day soil stabilization statement on Erosion and Sediment Control plan sheet.
4. Receipt of escrows.