COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE:       June 12, 2017
AGENDA NUMBER:    17
FILE NUMBER:       17-104
ITEM:               Andover Blvd NW Trail

RECOMMENDATION:    Approve with 3 Stipulations

APPLICANT:     City of Andover
               Attn: Jason Law
               1685 Crosstown Blvd NW
               Andover, MN 55304

PURPOSE:        2,100 LF of new bituminous trail

LOCATION:        Andover Blvd between Bluebird and Vale St, Andover MN

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

EXHIBITS:
2. Project Letter (3 pages); by City of Andover, dated 5/15/2017, received 5/17/2017.

PREVIOUS ACTION TAKEN: This is a new application.

FINDINGS:
Pre-application Meeting: The project as submitted has not received a general review during a pre-application meeting.

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

Ditch Hydraulics: A crossing of the ditch is not proposed.

Erosion and Sediment Control: Soils affected by the proposal are Markey and Sartell.
   • Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading.
   • Soil stockpiles have not been proposed to be fitted with sediment-trapping measures to prevent soil loss.
   • Adjacent properties and stormwater ponds are protected from sediment deposition.
   • Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have been provided.
   • Stormwater runoff does pass through a sediment basin or other sediment trapping BMP with equal or greater storage capacity.
   • Stabilization adequate to prevent erosion has been provided at the outlets of all storm sewer pipes.
   • All storm sewer inlets are protected from sediment-laden water during construction.
   • All work adjacent to water or related resource has taken precautions to contain sediment, and stabilize the work area during construction.
   • Provisions have not been made to minimize transport of sediment (mud) by runoff or vehicle racking onto the paved surface.
   • Provisions have not been made for cleaning road surfaces where sediment is transported by the end of the day.
   • Construction entrance points are clearly located on the erosion and sediment control plan.
The erosion and sediment control plan does provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.

Dewatering: Shallow ground water does not exist on site. The project does not require dewatering.

Floodplain: There is floodplain on the property according to the District model and FEMA. The District’s floodplain elevation is at 885.4 feet. The project does not propose to place fill within the floodplain. There are no flooding concerns upstream or downstream.

High Water Flooding: Information has not been provided to substantiate low floor elevations and is not needed.

Groundwater: Geotechnical information was not provided and is not needed.

The site is within a Municipal Drinking Water Supply Area (DWSMA).

The project site is within the Emergency Response Area/10 Year Well Head Protection Area/Drinking Water Supply Management Area.

The proposal does not contain a land use discouraged or prohibited by the Safe Drinking Water Supply Act (SDSA).

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: No stormwater management features or treatment practices are proposed as part of the project.

Stormwater & Hydrology: Infiltration is not allowed within the project area. The 1-inch infiltration is not achieved due to project constraints. The stormwater management system utilizes regional ponding. 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. Properties and waterways downstream from the project are protected from erosion due to increases in the volume, velocity and peak water flow rates of stormwater runoff. Concentrated storm water leaving the site is discharged directly into a well-defined natural or man-made off-site receiving channel or pipe. All on-site constructed storm water conveyance channels are
constructed to withstand the expected velocity from a 2-year frequency storm without erosion.

**Water Quality:** The proposed project does not cause an exceedance of State water quality standards. The project does not contribute to the adverse impact of wetlands through inundation or volume of flow. All discharges into wetlands are pretreated by a sediment basin/water quality pond, and are designed correctly. All work adjacent to wetlands, waterbodies and water conveyance systems are protected from erosion. 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 of and drains to an Impaired Water. The Impaired Water is Coon Creek. Coon Creek is impaired for (Aquatic Life (Macro-invertebrates)/ Aquatic Recreation (E. coli). The major stressors are Total Suspended Solids (TSS)/ Total Phosphorus (TP)/E.coli. There is not an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for this water.

There are new impervious surfaces 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 may include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.
The endangered or threatened species, rare natural community is the Gophersnake (Pituophis catenifer).The applicant should contacted the MDNR natural heritage or endangered species program.

If the project is present, the project does not propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

**Performance Escrow:** $2,350.00  
**Wetland Escrow:** $ N/A  
There are not ditch liens on the property.

### ISSUES/CONCERNS:

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<th>ISSUE</th>
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<tr>
<td>Escrows: $2,000 + (0.7 ac * $500/ac) = $2,350.00</td>
<td>1. Receipt of escrows.</td>
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| Soils & Erosion Control: Soil stockpiles have not been proposed to be fitted with sediment-trapping measures to prevent soil loss. | 2. Provide note on construction plans that:  
a. Soil stockpiles will be fitted with sediment trapping measures to prevent soil loss. |

There are not ditch liens on the property.
| Provisions have not been made to minimize transport of sediment (mud) by runoff or vehicle racking onto the paved surface. | b. Provisions have been made to minimize transport of sediment (mud) by runoff or vehicle racking onto the paved surface.  
| Provisions have not been made for cleaning road surfaces where sediment is transported by the end of the day. | c. Provisions have been made for cleaning road surfaces where sediment is transported by the end of the day. |

**Wildlife:** The proposed project may include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.

3. Provide documentation from the DNR if the proposed project includes endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.

**RECOMMENDATION:** Approve with 3 Stipulations

**Stipulations:**

1. Receipt of escrows.
2. Provide note on construction plans that:
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3. Provide documentation from the DNR if the proposed project includes endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.