COON CREEK WATERSHED DISTRICT  
PERMIT REVIEW

MEETING DATE: July 22, 2013  
AGENDA NUMBER: 17  
FILE NUMBER: 13-077  
ITEM: CSAH 18 Culvert Replacement 2013

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: Anoka County Highway Department  
Attn: Daniel Frey  
1440 Bunker Lake Blvd. NW  
Andover, MN 55304

PURPOSE: Replacement of existing CSAH 18 Culvert between Little Coon Lake and Lake Netta

LOCATION: CSAH 18 Culvert between Little Coon Lake and Lake Netta
APPLICABILITY:
1. The lands and water that have been, or may be covered by the regional flood.
2. 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:
1. Permit application for Crossing or Culvert Installation by Anoka County Highway Department dated 7-10-13, received 7-10-13.

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

FINDINGS:
Ditches and Drainage: There is not a public ditch on the property. The area is tributary to Lake Netta. The ditch is not a public ditch. The elevation of the culvert is critical to the hydrological boundary of the CCWD. The trend in land use for this drainage area is toward open space and residential. There are no flooding concerns downstream.

Floodplain: There is floodplain on the property. 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. The site does include groundwater sensitive areas. Information is not required to substantiate low floor elevations, no structures 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 which have been acknowledged by the applicant. No water quality features are required or proposed therefore a drainage and utility easement is not necessary. The application proposes no changes in drainage from the approved ditch plans.

Soils & Erosion Control: Soils affected by the proposal are Rifle. Stabilizing vegetation is not proposed for disturbed areas within two weeks of rough grading. Adjacent properties are protected from sediment deposition. Work adjacent to water conveyance systems is protected from erosion. Project site is not greater than 1 acre; an NPDES permit is not required.
Stormwater & Hydraulics: The applicant is not required to meet the volume management practice equivalent to infiltrating the first inch of precipitation because no new impervious area is proposed. Stormwater leaving the site is discharged into a well defined receiving channel 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.

Wildlife: The proposed project does not include endangered & threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas, wildlife travel corridors. No substantial adverse alteration or significant detrimental impact on a species food supply, security or reproductive cycle or the alteration or removal of a plant species will occur.

Wetlands: Wetlands do exist on-site according to the NWI. Wetlands do exist on site according to the Soils Survey. The project is a culvert replacement at CCWD approved elevations. This project proposes no wetland impacts.

Escrows: Escrows have not been paid.
Performance Escrow: $1500 + ($200 per acre disturbed * 1 acre) = $1700.00.

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<th>ISSUES/CONCERNS</th>
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CONCLUSIONS: The project does meet District standards. Maintenance issues need to be submitted prior to issuance of a permit.

RECOMMENDATION: Approve with 2 Stipulations
Stipulations:
1. Receipt of escrows.
2. Provide a note acknowledging that stabilizing vegetation will be provided within 14 days of completion of grading.