COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: April 13, 2015
AGENDA NUMBER: 13
FILE NUMBER: 15-045
ITEM: Meadowbrook Park Culvert Installation

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: City of Blaine
Attn: Stefan Higgins
10801 Town Square Dr NE
Blaine MN 55449

PURPOSE: Culvert installation at Meadowbrook Park

LOCATION: Monroe St near Meadowbrook Park, Blaine
APPLICABILITY:
1. Any work within or adjacent to a Public Ditch within the Watershed District.
2. Any work in or adjacent to wetlands, lakes or water courses.
3. The lands and water that have been, or may be covered by the regional flood.
4. High infiltration soils
5. Highly erodible
6. 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, Signed 4/1/15, Received 4/1/15.
2. Letter from the City of Blaine, dated 1/21/15, Received 1/21/15
3. Plan Set from the City of Blaine, dated 11/3/14, Received 1/21/15

HISTORY & CONSIDERATIONS:
This item has not been before the Board. The project purpose is to replace two failing culverts, one in County Ditch 60 and the other in a private branch of County Ditch 60.

FINDINGS:
Ditches and Drainage: There is a public ditch on the property. The ditch is Ditch 60. There are 0 acres of existing agricultural land affected by this ditch. The trend in land use for this drainage area is toward residential. There are no flooding concerns downstream. The public ditch is currently being repaired.

Floodplain: There is floodplain on the property according to FEMA. The District Atlas 14 model predicts the 100-year elevation for the subwatershed to be is 897.1 (NGVD 1988) feet.

Groundwater: It is unknown where surficial ground water is located and is not needed for this project. The site does not include groundwater sensitive areas. Information has not been provided to substantiate low floor elevations and is 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. Property owners affected by changes in drainage have not been notified and have not acknowledged the changes proposed.
Soils & Erosion Control: Soils affected by the proposal are Markey Muck and Lino. Stabilizing vegetation is not proposed for disturbed areas within 14 days of rough grading. Adjacent properties are not protected from sediment deposition. All wetlands, water bodies, ponds, infiltration basins and water conveyance systems are not protected from erosion and sedimentation. Project site is not greater than 1 acre; an NPDES permit is not required.

Stormwater & Hydraulics: The applicant is not meeting the volume management requirement equivalent to infiltrating runoff from the first inch of precipitation and is not required to do so for a culvert installation. 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.

Wetlands: Wetlands do not exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey. No wetland impacts are proposed.

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: $2,005.00

ISSUES/CONCERNS:

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<tr>
<th>Soils &amp; Erosion Control:</th>
<th>1. Provide a temporary and permanent erosion control plan.</th>
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<td>Escrows: $2,000 + (.01 ac * $500) = $2,005.00</td>
<td>2. Receipt of escrows.</td>
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RECOMMENDATION: Approve with 2 Stipulations

Stipulations:
1. Receipt of escrows.
2. Provide a temporary and permanent erosion control plan.