COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: August 25, 2014
AGENDA NUMBER: 8
FILE NUMBER: 14-091
ITEM: GP Coon Rapids

RECOMMENDATION: Approve with 3 Stipulations

APPLICANT: Wayne Paler
Zayo Group LLC
5005 Cheshire Parkway North, Ste 1
Plymouth MN 55446

PURPOSE: Directional bore 2 EA 1.25” duct below creek bed and pull fiber optic cable through one of the ducts.

LOCATION: Coon Creek crossing Northdale Blvd near 1532 Northdale Blvd, Coon Rapids, MN
APPLICABILITY:
1. Any work within or adjacent to a Public Ditch within the Watershed District.
2. High water table, outwash and organic soils.
3. High infiltration soils.
4. Highly erodible soils
5. Endangered, Threatened or Special concern species, elements of communities.

EXHIBITS:
1. Plans from Zayo Group; dated 7/30/2014; received 7/30/2014

HISTORY & CONSIDERATIONS:

FINDINGS:
Ditches and Drainage: There is a public ditch on the property. The ditch is County Ditch 57 (Coon Creek).

Floodplain: There is floodplain on the property according to FEMA. The total floodplain impact is 0 acre-feet.

Groundwater: Groundwater information was not provided and is not needed for a directional bore project.

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.

Soils & Erosion Control: Soils affected by the proposal are Markey, Rifle, Zimmerman, and Alluvial.

Stormwater & Hydraulics: Stormwater and hydraulics were not reviewed for this project as is not necessary for a directional bore project.

Water Quality: Project does not include impervious drainage areas greater than 1 acre. There are no discharges into wetlands. 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 exist on-site according to the 1987 Federal Manual and its associated supplement(s), NWI, and Soils Survey. There will be no wetland impacts.
**Wildlife:** The proposed project includes the threatened Blanding’s Turtle (*Emydoidea blandingii*). Measures to avoid and minimize impacts to the threatened species should be implemented.

**Performance Escrow:** $2,030.00

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<th>ISSUES/CONCERNS:</th>
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| **Maintenance:** The directional bore under Coon Creek Watershed district public ditches must be a minimum of 4 foot below the approved elevation of the ditch. A detail is shown on the plans for the utility line crossing at CD 44-8. The approved elevation of CD 41 at University Ave. is 878.0 as referenced to the NGVD29 vertical datum. Therefore, the top of the utility line must be no higher than 874.0 when crossing CD 41. There is no mention of the proposed utility line crossing at CD 39 between 114th and 115th Avenues Northeast as shown on Sheet 2/3. The approved grade of CD 39 at University Avenue is 883.6 as referenced to the NGVD29 vertical datum. Therefore, the top of the utility pipe must be no higher than 879.6 or as referenced to the NGVD29 vertical datum. It will be required that the applicant provide the District with as-built survey for verification. | 1. Provide approved elevations for the ditch bottoms and top of pipe elevations at CD 39 (883.6) and CD 41 (878.0) in drawings.  
2. Provide As-built survey elevations of the ditch bottom and the top of pipe. |

**Escrows:** $2,000 + (.06 acres x $500/acre) = $2,030.00

**RECOMMENDATION:** Approve with 3 Stipulations

**Stipulations:**
1. Receipt of escrows.
2. Provide approved elevations for the ditch bottoms and top of pipe elevations at CD 39 (883.6) and CD 41 (878.0) in drawings.
3. Provide As-built survey elevations of the ditch bottom and the top of pipe.