## Project No. Q164

**SW IMP – Water Quality – Crooked Lake – Sunset Trail Stormwater Retrofit**

**Polk County**

**FY2021**

### Risk Level
- **Type 2**

### Multi-Year Contract
- **No**

### Description
- **Construction of water quality BMPs to reduce sediment loading to Crooked Lake. The source of the sediments is an unpaved County-maintained road with no stormwater infrastructure. The County plans to acquire land for construction of the project.**

### Measurable Benefit
- The contractual Measurable Benefit is the construction of water quality BMPs to treat an approximate 10-acre drainage area discharging to Crooked Lake. Construction will be in accordance with the permitted plans. There will be no monitoring or testing requirements.

### Costs
- Total project cost: $479,006 (Land acquisition and construction)
  - Polk County: $239,503 (includes $182,500 of land acquisition costs as funding match)
  - District $239,503

### Evaluation

#### Application Quality
- **Low**
  - District PM/CM had to work with the cooperator to obtain required information and cooperator was unable to provide required information.

#### Project Benefit
- **Low**
  - The Resource Benefit of the project is the reduction of pollutant loads to Crooked Lake by an estimated 7 lbs/yr TN and 1.9 lbs/yr TP.

#### Cost Effectiveness
- **Low**
  - The estimated cost per pound is above the historical average of $475/lb TN and above the historical average of $4,152/lb TP.

#### Past Performance
- **High**
  - Based upon an assessment of the schedule and budget for the 7 ongoing projects.

#### Complementary Efforts
- **High**
  - Applicant has an active stormwater utility that collects fees.

#### Project Readiness
- **High**
  - Project is ready to begin on or before December 1, 2020.

### Strategic Goals
- **-**

### Overall Ranking and Recommendation
- **Low Priority, not recommended for funding.**
  - The project is not recommended for funding as it has very low nutrient removal and is not cost effective.

### Funding

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<th>Prior</th>
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<th>Future</th>
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