Project Title: **PIN:**

Category 6.b: Culvert Repair and Rehabilitation Worksheet **CIN:**

1) Activity Category 6b requirements met by the proposed project (check those which apply)

☐ Activity does NOT impede Aquatic Life Movement (General Condition #3). Complete boxes 3 & 5.

☐ Rehabilitated Culvert will NOT increase invert elevation or increase water velocity. Complete boxes 4 & 5.

☐ Culvert extension total length is < 50% total length of the existing culvert. Complete boxes 4 & 5.

2) <u>If any conditions from box 1 are unchecked, explain meeting the condition is not practicable below.</u>

3) <u>Aquatic Life Movement Evaluation</u>

(Optional) Existing condition NAACC score: **(Optional) Anticipated NAACC score:**

If the existing culvert is not providing Aquatic Life Movement the identified causes of the impediments are required to be resolved to the maximum extent practicable. Describe how the Rehabilitation design resolves or improves upon existing impediments below.

Will the culvert allow for the passage of aquatic organisms native to that stream? Yes: ☐ **No:** ☐ (If no, explain below)

Describe effects the proposed culvert would have on life history and movements of aquatic life native to the stream below.

4) <u>Invert Elevation and Water Velocity Increase Evaluation</u> (all inlet/outlet elevations to include embedded substrate)

Existing culvert inlet elevation: **Existing culvert outlet elevation:** **Existing culvert length:**

Proposed culvert inlet elevation: **Proposed culvert outlet elevation:** **Proposed culvert length:**

Is the outlet invert of the proposed culvert below the downstream low flow water surface (is the outlet backwatered at base flow)? Yes: ☐ **No:** ☐ (If no, explain below)

Project Title: **PIN:**

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Does the proposed culvert maintain flow velocities near or below existing culvert velocity conditions?

Yes: ☐ **No:** ☐ (If no, explain below)

Does the proposed culvert maintain high flow capacity? Yes: ☐ **No:** ☐ (If no, explain below)

5) Mitigation measures may include, but are not limited to baffles, weirs, roughened channels, and grade control structures. Provide information as to how the proposal will mitigate for the impediment below.