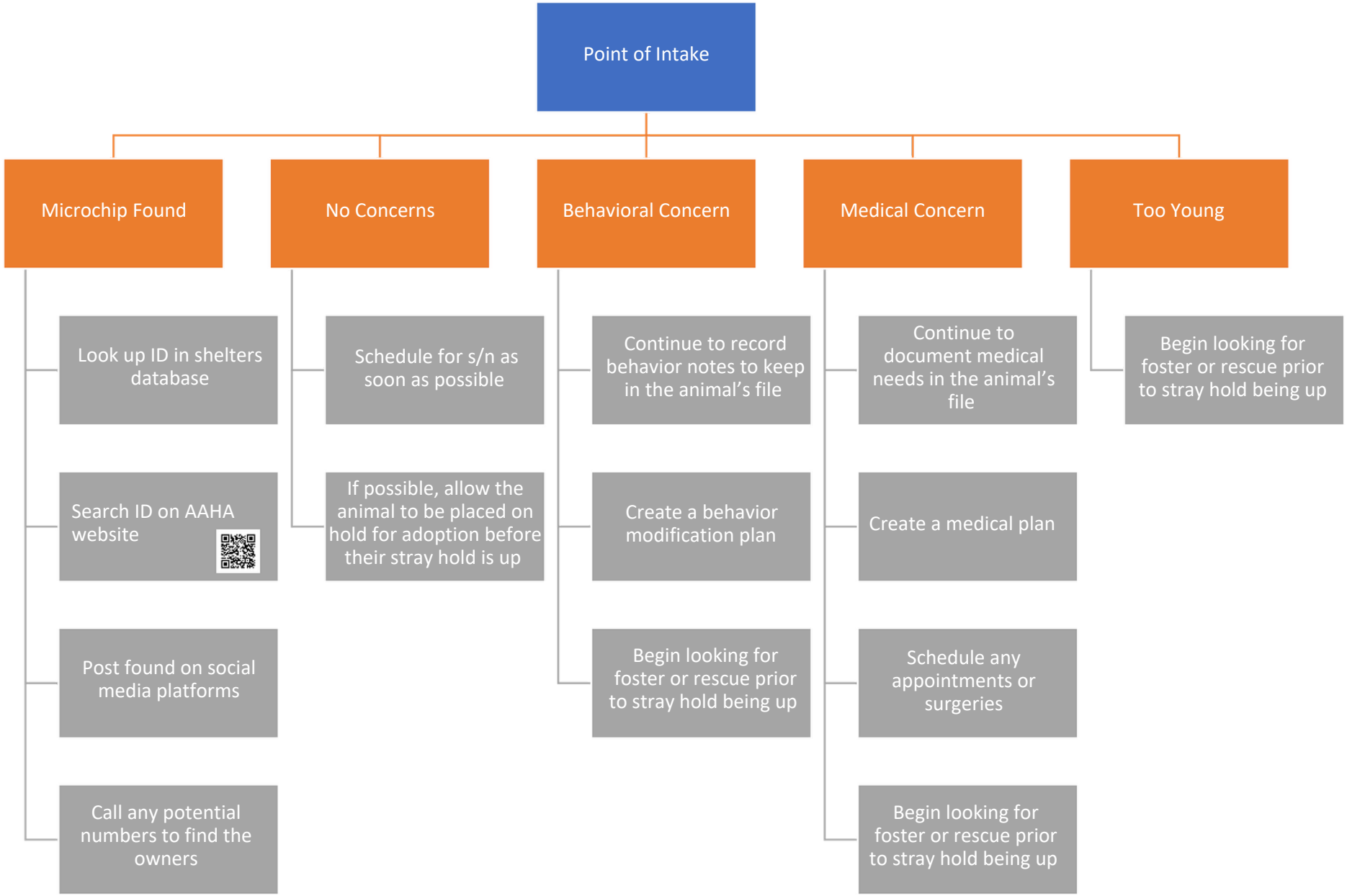Path Planning Flow Chart