








Hazard Categories (Community Concerns)	RIRCPA Proposed Mitigation Phase I 12-15-2022	KYTC Response to Phase I Request 3-6-2023	RIRCPA Proposed Mitigation Phase 2 3-22-2022	Agencies Phase 2 Requests Addressed To:
1. Centerline crossing particularly in curves	a. Centerline milled rumble strips.	No because of posted speed limit and lanes less than 11 ft	<p>1. <i>Utilize pavement markers to delineate centerline.</i></p> <p>Request that KYTC use the 85% speed of 47 MPH as the default speed relative to engineering specifications.</p> <p>Justified by head on crashes, sideswipe crashes, and 34% of crashes at night with no light conditions.</p> 	<p>i. KYTC</p> <p>ii. With support from Jefferson County and Oldham County elected officials</p>
	b. Speed activated feedback signs @ blind curves.	KYTC D5 allows this on a temp basis; Application must by a police agency	<p>1. Request that Jefferson and Oldham County elected officials follow up with Jefferson and Oldham County Police Departments to establish rotation for mobile speed trailers</p> 	<p>i. Louisville Metro Police (LMP)</p> <p>ii. Jefferson County elected officials</p> <p>iii. Oldham County elected officials</p>

	c. Transverse rumble strips@ blind curves.	Milled transverse rumble strips are not an approved counter measure.	<p>1. Request that <i>Louisville Metro Police</i> apply for and install a solar, illuminated fixed sign warning SLOW (or similar) at curve 5, (0.95). Similar <i>permanent signs</i> are in place on River Road in Prospect.</p> <div data-bbox="1129 305 1495 474">  </div> <p>2. Request that <i>Oldham County Police</i> apply for and install solar illuminated, fixed signs warning SLOW (or similar) near 1.5 Northbound AND 1.7 Southbound, the site of 5 crashes in the dataset. Similar <i>permanent signs</i> are in place on River Road in Prospect.</p> <div data-bbox="1150 701 1516 880">  </div> <p><i>We acknowledge that we are requesting 3 illuminated signs in each direction (6 total); however, we believe that for a majority of people (not high risk averse drivers), multiple illuminated reminders could help demonstrate that the hazards are significant and therefore they should slow down.</i></p>	<p>i. Louisville Metro Police (LMP)</p> <p>ii. Oldham County Police</p> <p>iii. Jefferson County elected officials</p> <p>iv. Oldham County elected officials and Planning Department</p>
	d. Additional Signage @ blind curves.	KYTC completed addition of chevron signage and post strips to signage at 0.95 on 3.15.2023	<p>1. See 1c1 and 1c2 above.</p>	<p>i. Louisville Metro Police</p> <p>ii. Oldham County Police</p> <p>iii. Jefferson County elected officials</p> <p>iv. Oldham County elected officials and Planning Department</p>

<p>2. Substandard /Degraded Roadway Edges</p>	<p>a. Right side of lane white stripping</p>	<p>KYTC advised that Rose Island Road doesn't not meet the minimum 20' pavement width to warrant edge line per MUTCD standards.</p>	<p>1. Declare the Rose Island Road as a necessary exception to this standard and apply white striping to the remaining approximately 3 miles of Rose Island in Oldham County. Survey respondents identified white striping in Jefferson County to be helpful and requested it for Oldham County</p> <p>2. Alternatively, add periodic pavement markers to road edges to decrease wheel off instances.</p> <p>3. Consider filling trenches next to the roads' edges with rocks or Recycled Asphalt Pavement (RAP)¹. While temporary, this simple strategy is effective in helping motorists regain the roadway after wheel off situations. Using rocks or RAP to build up a roadway edge is in use.in place across the Louisville Metro Area. The photo shows how rocks help build up the road edge while mud area deteriorates. Some road edges along Rose Island Road have trenches up to 5-7" and more.</p> 	<p>i. KYTC</p> <p>ii. With support from Jefferson and Oldham County elected officials</p>
<p>3. Heavy weight trucks (oversize/length) crossing centerline</p>	<p>a. Restrictions and mandatory escorts b. Enforcement</p>	<p>KYTC cannot legally restrict trucks unless a law is passed for this specific route.</p> <p>KYTC does not post signage of this nature.</p>	<p>1. Request that elected officials representing Rose Island Road communities bring forth legislation to require oversize/large trucks to access to Rose Island Road via KY1793 and prohibit access from US42 at the southern end of Rose Island Road.</p> 	<p>iii. Sen. Lindsey Tichenor</p> <p>iv. Speaker David Osborne</p> <p>v. Representative Ken Fleming</p>

¹ Recycled Asphalt Pavement, https://www.dot.state.tx.us/business/contractors_consultants/recycling/rap_use.htm

			This action will ensure that most oversize trucks avoid the 5 sharp curves in the Jefferson County segment of Rose Island Road reducing the inherent risk to other drivers when these trucks cross the centerline in curves.	
4. Proximity of Utility Poles and Trees	a. Relocate b. Selective Removal	KYTC not responsible for utility poles, communicate utility.	<ol style="list-style-type: none"> 1. Install guard rails at the most hazardous locations as identified in the RIR Safety Initiative Phase 2 letter to KYTC 3/22/2023. 2. As requested above in 1d1, install solar illuminated, fixed signs warning SLOW (or similar) at curve 5, (0.95) in Jefferson County and near 1.5 Northbound AND 1.7 Southbound in Oldham County where multiple utility pole strikes have occurred. 3. RIRCPA will reach out to LG&E KU and request addition of reflective markers to the hazardous utility poles identified. 	<ol style="list-style-type: none"> i. KYTC ii. Oldham County iii. Jefferson County iv. RIRCPA to reach out to LG&E KU
5. Inadequate roadway shoulders	a. Common improvement strategies b. Selective guard rail installation	<p>If a corridor study is desired, a project would need to be funded within the Six Year Highway Plan by the legislature.</p> <p>KYTC can evaluate the roadway for potential guardrail installation.</p>	<ol style="list-style-type: none"> 1. Request that elected officials representing Rose Island Road communities include a request for funding a corridor traffic safety study and if possible, initial phase improvements during the 2024 legislative session. 2. RIRCPA requests that KYTC initiate evaluation of potential guardrail installation. 	<ol style="list-style-type: none"> i. Sen. Lindsey Tichenor ii. Speaker David Osborne iii. Representative Ken Fleming iv. KYTC
6. Trees Limbs and Debris in Roadway	b. Regular periodic roadway maintenance program	KYTC maintains 3,500 miles of highways. Our crews are responsive when notified of a roadway hazard	<ol style="list-style-type: none"> 1. The RIRCPA will post information on our website asking citizens to report hazards using the "Report a Hazard form" https://transportation.ky.gov 	<ol style="list-style-type: none"> i. RIRCPA ii. KYTC

<p>7. Speeding, tailgating by other drivers</p>	<p>a. Centerline milled rumble strips. b. Speed activated feedback signs @ blind curves. c. Transverse rumble strip s@ blind curves d. Additional Signage @ curves e. Program for periodic deployment of portable dynamic speed feedback signs f. Periodic police compliance surveillance and enforcement</p>	<p>KYTC advises contract with local law enforcement for these types of remediations.</p> <p>See KYTC answers to #1 regarding temporary speed feedback signage.</p>	<p>1. 7a. Utilize pavement markers to delineate centerline. (see #1a1) 2. 7b. Request that Jefferson and Oldham County elected officials follow up with Jefferson and Oldham County Police Departments to establish rotation for mobile speed trailers (see #1b1) 3. 7c.(See #1c1 and 2) 4. 7d Completed at 0.95 Jefferson County 5. 7e (See #1b1 Request that <i>Louisville Metro Police</i> apply for and install a solar, illuminated fixed “YOUR SPEED” sign to be in both directions near curve (0.95). This request is made in conjunction with the above requested “SLOW” sign. Similar <i>permanent signs</i> are in place on River Road in Prospect.” speed sign (or similar) at curve 5, (0.95). 6. 7f Request that Jefferson and Oldham County elected officials work with Louisville and Oldham County Police Departments to establish schedule of period enforcement on Rose Island Road. A presence is especially important during the summer and on weekends to deter driving while intoxicated.</p> 	<p>i. 7a1 – KYTC ii. 7b2 – Louisville Metro Police (LMP) Oldham County Police Department Requested by elected officials in Jefferson County elected officials. iii. 7c3 – Same iv. 7d4– Same v. 7e5– Same vi. 7f6– Same</p>
<p>8. Presence of Cyclists</p>	<p>a. Dynamic (flashing) signage to advise of presence of cyclists.</p>	<p>Possible enhanced bike signage can be installed at each end of Rose Island Road.</p> <p>KYTC does not install solar powered lighting.</p>	<p>1. Share the Road sign installed at northern and southern ends of KY3222 on 3-15-2023. 2. The Alliance requests that Jefferson and Oldham Counties fund and maintain solar enhancements to signage as identified in #1c1 and 2, and #7b2.</p>	<p>i. KYTC ii. 7b2 – Louisville Metro Police (LMP) iii. Oldham County Police Department</p>

9. Wildlife	b. Other mitigations above help	Motorists must remain diligent ... follow posted speed limit.	1. Speed reduction requests in #7 above will help reduce speeding and help drivers react to the presence of wildlife.	<ul style="list-style-type: none"> i. 7a1 – KYTC ii. 7b2 – Louisville Metro Police (LMP) Oldham County Police Department Requested by elected officials in Jefferson County elected officials. iii. 7c3 – Same iv. 7d4– Same v. 7e5– Same vi. 7f6– Same
10. Pooling water and erosion silt in roadway	<ul style="list-style-type: none"> a. Back grade embankments b. Culverts to divert runoff 	Condition of the road was assessed on 3/3/2023 and maintenance/repairs will occur when weather is cooperative. Roadway widening would support new drainage facilities.	1. KYTC Commitment – OPEN No Completion date provided	<ul style="list-style-type: none"> i. KYTC ii. Legislative funding of road improvements
11. Moratorium on development contributing to RIR traffic volume		No reply from Oldham County officials	1. Request that Oldham County pass a moratorium on multi-unit development along Rose Island Road until a plan, funding, and initial construction are in place. Given that the number of crashes on KY3222 are already at 55% over expected totals ² , that the roadside hazard rating of 6 out of 7, head on/hit and run/sideswipe crashes are prevalent, and the combination of curves and utility poles near the roadway, adding significantly more traffic to Rose Island Road would be detrimental to existing motorists who depend on this road.	<ul style="list-style-type: none"> i. Oldham County elected officials ii. Oldham County Planning and Zoning Department iii. Oldham County Police Department

² Rose Island Road Safety Analysis, Adam Kirk Engineering, Rose, February 27, 2023