

# APPENDIX F:

Additional Improvement Concept Information



## Improvement Concepts - Corridor Wide

Location						High Crash Location?		LO/S Input		Geometric Issue?		Additional Comments
#	Revised Improvement ID Location	Route	County	Intersecting Route	Milepoints	Yes/No	CRF	# Responses	Comment	Yes/No	Type	Description
1	AB	KY 9	Mason	Downing Dr. to Parker Rd. Walmart Way entrance to KY 11.	7.560 -9.179 & 10.545 - 12.620	Yes	1.16-2.85	1	Reduce speed limit.	-	-	Reduce existing 55 mph speed limit to 45 mph along KY 9 between KY 11 and Downing Dr. Increase law enforcement or add traffic calming measures such as "Your Speed" signs, transverse rumble strips and painted warnings, speed tables, etc.
2	AC	KY 9 / KY 10	All Counties	-	-	Yes	0.98 - 1.02	-	-	-	-	Evaluate existing truck climbing lane locations to determine if modifications are recommended; determine if additional truck climbing lanes are needed.
3	AD	KY 9 / KY 10	All Counties	-	-	-	-	3	Pavement issue - center rutting issue - related to pavement markers. Throughout corridor; crack sealing covers pavement stripes causing safety issue especially at night.	-	-	Identify and Prioritize Preventative Maintenance Funds for portions of AA Highway that have not been recently repaved.
4	AE	KY 10	Lewis / Greenup	Howland Hill Rd, Blackbird Rd, Tygart's Creek Rd, E. Tygart's Creek Rd, Graysbranch Rd	6.800 (KY 9/10 Split) - 11.600 (US 23)	-	-	5	Delineator posts - reflectors on posts to mark where side roads approach AA	-	-	Intersection awareness; signage, striping, and identification of side streets.
5	AF	N/A	Carter	-	-	-	-	1	Directional navigation uses local streets rather than higher functional class routes.	-	-	Evaluate routes and functional classifications for roadways connecting from AA Highway to Carter Caves State Resort Park. Route vehicles in GPS.
6	AG	KY 9	Pendleton / Bracken / Mason	-	-	-	-	1	Lack of vehicle enforcement - truck traffic enforcement through whole corridor.	-	-	Add speed reduction measures to lower the 85th percentile speed closer to 55 and 45 mph speed limits.
7	AH	KY 9	Lewis	-	9.553 - 11.133	Yes	1.19	-	-	Yes	Horizontal curve radii do not meet the design speed based on the existing superelevations as identified in the as-built plans. Three identified locations have ran-off roadway crashes that could	Mitigate crashes relating to deficient horizontal curves.