

**APPENDIX D:**  
**DETAILED COST ESTIMATES**

County	Intersection #	Cross Streets	Treatments			Design	Right-of-Way	Utilities	Construction	Total Cost		
Breathitt	1 - 1	KY 15 at Fish Pond Loop	A	Widening	Widen NB approach for left turn lane to Fish Pond Loop and adjust guardrail.	\$50,000	\$10,000	\$10,000	\$133,000	\$270,000		
			B	Pavement	Alter Park and Ride Lot orientation along tree line.							
			C	Realignment	Realign WB approach to improve sight distance on KY 15.	\$50,000			\$17,000			
			D	Delineation	Define access to / from KY 15.							
Breathitt	1 - 2	KY 15 at Fish Pond Loop	A	Widening	Widen NB approach for left turn lane to Fish Pond Loop and adjust guardrail.	\$50,000	\$10,000	\$10,000	\$145,000	\$310,000		
			B	Pavement	Alter Park and Ride Lot orientation along tree line.							
			C	Realignment	Realign WB approach to improve sight distance on KY 15.	\$50,000			\$45,000			
			D	Pavement	Re-stripe EB approach to align with WB approach.							
			E	Delineation	Provide new entrance from Fish Pond Loop and define access to / from KY 15.							
Breathitt	2	KY 15 at KY 1812	A	Delineation	Delineators along center line of KY 15 (Wendy's & gas station).	\$50,000	\$0	\$0	\$52,000	\$102,000		
			B	Access Management	Restrict access to gas station along Washington Avenue.							
			C	Access Management	Limit TWLTL.							
			D	Pavement	Check pavement markings once construction is complete.							
Perry	3	KY 15 at KY 451C	A	Signals	Signalize intersection. Meets Warrants 1, 2, and 3.	\$50,000	\$0	\$0	\$109,400	\$160,000		
			B	Pavement	Move stop bar on KY 451C closer to intersection.	N/A			\$600			
Powell	4	KY 2486 at W Railroad Street	A	Signs	Convert intersection to 4-way stop.	\$50,000	\$0	\$50,000	\$25,800	\$127,000		
			B	Pavement	Paint stop bars on all 4 legs of intersection.							
			C	Pavement	Install rumble strips on KY 2486 approaches.							
			D	Pavement	Stripe center yellow line and edge lines along KY 2486 (from KY 15 to KY 2476).	N/A			\$1,200			
			E	Signs	Change speed limit to 25 mph.							
Morgan	5	KY 7 at KY 519	A	Lighting	Install lighting at intersection.	\$50,000	\$0	\$0	\$39,000	\$440,000		
			B	Pavement / Widening	Add left turn lane on KY 519 to KY 7 NB.	\$50,000			\$218,000			
			C	Signals	Install yellow flashing beacons on KY 519 and red flashing beacon on KY 7.	\$50,000			\$33,000			
Estill	6	KY 52 at KY 499	A	Delineation	Delineators along center line (McDonalds and old gas station).	\$50,000	\$45,000	\$5,000	\$32,000	\$420,000		
			B	Access Management	Close access near intersection, provide channelization for lane reduction on KY 499.	\$50,000			\$93,000			
			C	Access Management	Access point modification on EB approach.	\$50,000			\$95,000			
Perry	7-1	KY 451 at Elm Street / Liberty Street	A	Signs / Pavement	Add stop signs and stop bars to side streets.	N/A	\$0	\$5,000	\$1,500	\$525,000		
			B	Pavement	Create consistent cross section and striping around intersection.	\$100,000			\$418,500			
			C	Delineation	Better define driveways, parking areas, and intersecting street locations.							
Perry	7-2	KY 451 at Elm Street / Liberty Street	A	Signs / Pavement	Add stop signs and stop bars to side streets.	N/A	\$0	\$5,000	\$1,200	\$161,000		
			B	Pavement	Create consistent cross section and striping around intersection.	\$50,000			\$104,800			
Breathitt	8	KY 15 at Indian Hollow	A	Access Management	Limit wide driveway.	\$50,000	\$10,000	\$20,000	\$81,000	\$223,000		
			B	Access Management	Limit TWLTL	\$50,000			\$12,000			
			C	Access Management	Remove parking lot access point.							
Perry	9-1	KY 550 at Combs Lane	A	Signs / Pavement	Add stop sign and stop bar at Combs Lane.	N/A	\$90,000	\$120,000	\$800	\$770,000		
			B	Pavement	Widen north side of KY 550 and re-stripe.	\$100,000			\$459,200			
			C	Access Management	Provide designated access points for businesses, separate parking from roadway, and improve intersecting street locations.							
Perry	9-2	KY 550 at Combs Lane	A	Signs / Pavement	Add stop sign and stop bar at Combs Lane.	N/A	\$90,000	\$120,000	\$800	\$720,000		
			B	Pavement	Re-stripe KY 550 by shifting edge of road to the north. Add curb and gutter to north side of KY 550 and define business entrances.	\$100,000			\$409,200			
			C	Access Management	Provide designated access points for businesses and separate parking from roadway on south side of KY 550.							
Powell	10	KY 11 at Airport Road / White Avenue	A	Access Management	Consolidate access points, convert one gas station access to right-in / right-out.	\$50,000	\$10,000	\$45,000	\$92,200	\$251,000		
			B	Pavement	Paint stop bars on Airport Road and White Avenue.	N/A			\$500			
			C	Pavement	Change center line striping to a no passing zone.	\$50,000					\$3,300	
Perry	11-1	KY 550 at Grand Vue Plaza	A	Signals	Signalize intersection. Does not meet volume warrants but could meet crash experience warrant (#7).	\$50,000	\$0	\$0	\$110,000	\$160,000		
			B	Widening / Pavement	Widen north side of KY 550 and re-stripe.	See Costs for 9-1						
			C	Access Management	Separate parking from roadway on south side of KY 550, and designate specific access points to parking area.							
Perry	11-2	KY 550 at Grand Vue Plaza	A	Signals	Signalize intersection. Does not meet volume warrants but could meet crash experience warrant (#7).	\$50,000	\$0	\$0	\$110,000	\$160,000		
			B	Widening / Pavement	Re-stripe KY 550 by shifting edge of road to the north. Add curb and gutter to north side of KY 550 and define business entrances.	See Costs for 9-2						
			C	Access Management	Provide designated access points for businesses and separate parking from roadway on south side of KY 550.							
Powell	12	KY 15 at Powell Valley Road	A	Signs	Straighten directional signs across from ramp.	N/A	\$10,000	\$0	N/A	\$166,000		
			B	Signs	Install signs for "Wrong Way" and "Do Not Enter" (R5-1 and R5-1a).	N/A			\$1,300			
			C	Signs	Replace broken in ground pavement markers.	\$50,000			\$37,700			
			D	Pavement	Channelize left turn lane to a "T" to form 90 degree approach to KY 15.							
			E	Access Management	Close access road; additional access provided from KY 82.	\$50,000			\$17,000			

Note: The costs do not account for any environmental permits, mitigation, fees and other costs that may be incurred such as geotechnical analysis.

County	Intersection #	Cross Streets	Treatments			Design	Right-of-Way	Utilities	Construction	Total Cost
Powell	13	KY 11 at KY 2486	A	Realignment	Realign the Kroger entrance to KY 2486.	\$200,000	\$160,000	\$125,000	\$757,500	\$1,245,000
			B	Access Management	Provide designated access points for businesses, separate parking from roadway, and improve intersecting street locations.					
			C	Pavement	Re-stripe intersection and approaches.					
			D	Drainage	Improve drainage on eastern side of KY 2486.	N/A			N/A	
			E	Multimodal	Move pedestrian push button signs above push buttons.	N/A			\$2,500	
			F	Signs	Add route signs and change speed limit to 25 mph on KY 2486.					
Powell	14-1	KY 15 at River Street	A	Realignment / Widening	Realign River Street to a 4-way intersection with KY 15 at signalized intersection. Widen Black Creek Road to allow for left turn movements.	\$50,000	\$45,000	\$55,000	\$168,400	\$500,000
			B	Pavement	Re-stripe intersections and approaches.	N/A			\$1,600	
			C	Access Management	Provide designated access points for businesses, separate parking from roadway, and improve intersecting street locations.	\$50,000			\$130,000	
Powell	14-2	KY 15 at River Street	A	Realignment	Realign River Street to a 4-way intersection with KY 15 at signalized intersection.	\$50,000	\$35,000	\$55,000	\$149,400	\$440,000
			B	Pavement	Re-stripe intersections and approaches.	N/A			\$1,600	
			C	Access Management	Provide designated access points for businesses, separate parking from roadway, and improve intersecting street locations.	\$50,000			\$99,000	
Powell	14-3	KY 15 at River Street	A	Widening / Pavement	Widen River Street and re-stripe to allow for separate right and left turn lanes.	\$50,000	\$0	\$30,000	\$124,400	\$350,000
			B	Signals	Include River Street as part of signal control at KY 15 and Black Creek Road.	N/A			\$1,600	
			C	Pavement	Re-stripe intersections and approaches.	\$50,000			\$94,000	
			D	Access Management	Provide designated access points for businesses, separate parking from roadway, and improve intersecting street locations.					
Breathitt	15	KY 15 at KY 1812	A	Realignment	Realign KY 3068.	\$50,000	\$15,000	\$35,000	\$235,000	\$460,000
			B	Realignment	Realign KY 1812.				\$10,800	
			C	Delineation	Install delineators along NB approach.	\$50,000			\$14,200	
			D	Delineation	Add concrete islands.					
Wolfe	16	KY 15 at KY 191	A	Widening / Pavement	Lengthen KY 15 right turn lanes.	\$100,000	\$0	\$5,000	\$409,500	\$515,000
			B	Delineation	Improve concrete island to standard.					
			C	Widening / Pavement	Lengthen KY 15 left turn lanes.					
			D	Access Management	Restrict movements into / out of gas station to right-in / right-out along KY 15.	N/A			\$500	
			E	Access Management	Extend concrete median on NB approach to control access.	N/A			N/A	
			F	Signs	Add "No Left Turn" sign at private drive on WB approach.					
			G	Signals	Add protected / permissive phasing for EB and WB approaches.					
Perry	17	KY 15X at Turner Street	A	Signs / Pavement	New stop sign and stop bar at Turner Street approach.	N/A	\$0	\$35,000	\$800	\$705,000
			B	Pavement / Widening	Add right turn lane onto Turner Street, and left turn lane to Elizabeth Drive.	\$100,000			\$417,200	
			C	Access Management	Define access at property north of the intersection.	\$50,000			\$102,000	
Wolfe	18 - 1	KY 15 at KY 3355	A	Pavement	Add dedicated left turn lanes along KY 15.	\$50,000	\$25,000	\$15,000	\$1,800	\$283,000
			B	Access Management	Relocate Dollar General driveway and limit access to businesses around intersection.	\$50,000			\$76,100	
			C	Access Management	Add delineators to limit left turns near the intersection.	\$50,000			\$15,100	
Wolfe	18 - 2	KY 15 at KY 3355	A	Pavement	Add dedicated left turn lanes along KY 15.	\$50,000	\$10,000	\$45,000	\$1,800	\$435,000
			B	Pavement	Realign approaches on KY 3355.	\$50,000			\$195,200	
			C	Access Management	Relocate Dollar General driveway.	\$50,000			\$33,000	
Perry	19	KY 15X at Newland Street	A	Signs / Pavement	Improve Newland Street / KY 15X intersection.	\$100,000	\$0	\$65,000	\$430,200	\$605,000
			B	Pavement	Add rumble strips to slow vehicles coming down hill toward KY 2451 on KY 15X.	N/A			\$8,600	
			C	Pavement	Stripe center line of Newland Street to KY 15X.	N/A			\$1,200	
Lee	20 - 1	KY 11 at KY 1411	A	Realignment	Realign South Fork Road with River Street.	\$200,000	\$10,000	\$27,500	\$650,000	\$887,500
			B	Access Management	Provide access to River Street from gas station.					
Lee	20 - 2	KY 11 at KY 1411	A	Realignment	Realign South Fork Road with River Street.	\$200,000	\$95,000	\$25,000	\$880,000	\$1,200,000
			B	Access Management	Provide access to River Street from gas station.					
			C	Widening / Pavement	Widen KY 11 to add left turn pocket for movement to KY 1411.					
			D	Pavement	Re-stripe WB approach lanes to KY 11.					
Lee	20 - 3	KY 11 at KY 1411	A	Realignment	Realign South Fork Road to roundabout with River Street, and realign KY 11 and KY 1411 to roundabout.	\$200,000	\$15,000	\$35,000	\$940,000	\$1,190,000
			B	Access Management	Close gas station access along KY 11 and provide new access at River Street and re-stripe access at KY 11 (Broadway).					
Lee	20 - 4	KY 11 at KY 1411	A	Realignment	Realign South Fork Road with River Street.	\$50,000	\$95,000	\$25,000	\$240,000	\$410,000
			B	Access Management	Provide access to River Street from gas station.					
			C	Widening / Pavement	Widen KY 11 to add left turn pocket for movement to KY 1411.					
			D	Pavement	Re-stripe WB approach lanes to KY 11.					
Perry	21	KY 15 at Brian Lane / KY 1067	A	Access Management	Convert Brian Lane to right-in / right-out and add curb and gutter to control access along KY 15.	\$50,000	\$0	\$0	\$118,600	\$230,000
			B	Delineation	Add delineators along KY 15 to require left turns at KY 1067.	\$50,000			\$9,900	
			C	Signs / Pavement	Add stop bar and stop sign to Brian Lane.	N/A			\$700	
			D	Signs	Add "Heavy Trucks Entering Highway" sign (W42-7).	N/A			\$800	
Magoffin	22	US 460 at Allen Drive	A	Access Management	Realign so that Allen Drive "T" is away from Sav a Buck parking lot.	\$50,000	\$65,000	\$45,000	\$120,000	\$280,000
			B	Access Management	Perform Access Management Study in conjunction with Intersection #30.	N/A			N/A	

Note: The costs do not account for any environmental permits, mitigation, fees and other costs that may be incurred such as geotechnical analysis.

County	Intersection #	Cross Streets	Treatments			Design	Right-of-Way	Utilities	Construction	Total Cost			
Breathitt	23	KY 15 at KY 3232	A	Delineation	Reduce width of NB approach.	\$50,000	\$10,000	\$17,000	\$29,200	\$107,000			
			B	Sight Distance	Regrade NB approach.								
			C	Sight Distance	Increase signage height on EB approach to not impede sight triangle.	N/A			\$800				
Powell	24	KY 213 at Pendleton Street	A	Pavement	Install stop bars at Pendleton Street approaches.	N/A	\$0	\$0	\$8,700	\$16,000			
			B	Pavement	Install rumble strips on KY 213 NB approaching interchange.	N/A			\$7,300				
Perry	25	KY 451 at Glomawr Stormking Rd.	A	Signs	Add retroreflective warning signs.	N/A	\$0	\$0	\$6,000	\$6,000			
			B	Pavement	Add retroreflective pavement markings and in ground reflective pavement markers.								
			C	Pavement	Add centerline rumble strips.								
Powell	26	KY 2476 at KY 2486	A	Pavement / Parking	Convert to reverse angle parking .	\$100,000	\$15,000	\$55,000	\$278,600	\$450,000			
			B	Pavement	Add centerline striping, crosswalks, and stop bars around the Court House.								
			C	Pavement / Signs	Convert KY 2486 between Atkinson Street and KY 2476 to one way SB.								
			D	Pavement	Add median to Atkinson, Breckenridge and Court Streets.	N/A			\$1,400				
			E	Signs	Change speed limit on KY 2486 to 25 mph.								
Perry	27-1	KY 550 at Smitty Drive	A	Signs / Pavement	Add stop sign and stop bar at Smitty Drive.	N/A	\$0	\$0	\$900	\$900			
			B	Widening / Pavement	Widen north side of KY 550 and re-stripe.								
			C	Access Management	Provide designated access points for businesses, separate parking from roadway, and improve intersecting street locations.						See Costs for 9-1		
Perry	27-2	KY 550 at Smitty Drive	A	Signs / Pavement	Add stop sign and stop bar at Smitty Drive.	N/A	\$0	\$0	\$900	\$900			
			B	Widening / Pavement	Re-stripe KY 550 by shifting edge of road to the north. Add curb and gutter to north side of KY 550 and define business entrances.						See Costs for 9-2		
			C	Access Management	Provide designated access points for businesses and separate parking from roadway on south side of KY 550.								
Magoffin	28-1	KY 7 at KY 867	A	Sight Distance	Improve curve north of intersection.	\$100,000	\$10,000	\$30,000	\$350,000	\$490,000			
			B	Alignment	Improve intersection by providing 90 degree approach at KY 867 / KY 7 intersection.								
Magoffin	28-2	KY 7 at KY 867	A	Pavement	Add stop bar to KY 867 approach realignment and raise grade.	\$50,000	\$0	\$15,000	\$39,100	\$106,000			
			B	Signs	Reduce posted speed on KY 7 and add curve warning sign.	N/A			\$1,900				
Estill	29	KY 52 at Old KY 52 Connector	A	Pavement	Widen KY 52 and add EB left turn lane.	\$50,000	\$10,000	\$15,000	\$150,850	\$725,000			
			B	Sight Distance	Cut slope excavation.	\$100,000			\$396,750				
			C	Pavement	Move stop bar on SB approach.	N/A			\$400				
			D	Drainage	Fix washout on NE corner.	N/A			\$2,000				
Magoffin	30	US 460 at Ward Road	A	Access Management	Install island to reduce driveway width.	\$50,000	\$10,000	\$15,000	\$14,700	\$92,000			
			B	Pavement	Repaint stop bar and striping.	N/A			\$2,300				
			C	Access Management	Perform Access Management Study in conjunction with Intersection #22.	N/A			N/A				
Powell	31	KY 15 at KY 82	A	Signs	Install reflective back plates on signals.	N/A	\$0	\$0	\$2,300	\$280,000			
			B	Pavement	Add "puppy tracks" for left turns on KY 82 EB and WB.	N/A			\$700				
			C	Pavement / Signal	Change the shared-left turn lanes on KY 82 EB and WB approaches to exclusive left turn lanes. Add exclusive left turn phasing.	\$50,000			\$225,000				
			D	Signs	Provide overhead directional arrow signs on span wire and refresh paint and pavement markings.	N/A			\$2,000				
Powell	32	KY 2486 at Bright Street	A	Sight Distance	Cut trees back on either side of east leg (Bright Street) approach to improve sight distance.	N/A	\$0	\$30,000	\$4,000	\$55,000			
			B	Pavement	Add stop bars on Bright Street approaches.	N/A			\$800				
			C	Pavement	Install rumble strips on KY 2486 approaches.	N/A			\$15,900				
			D	Pavement	Stripe center yellow line and edge lines along KY 2486 (from KY 15 to KY 2476).	N/A			\$1,200				
			E	Drainage	Improve drainage on eastern side of KY 2486.	N/A			Further Study				
			F	Signs	Replace "Stop Ahead" sign that meets current MUTCD standards (Sign W3-1) on west approach (Bright Street).	N/A			\$1,700				
			G	Signs	Change speed limit to 25 mph.	N/A			\$1,400				
Perry	33	KY 476 at Peavley Street Connector	A	Access Management	Convert Peavley Street Connector to a one-way street.	\$50,000	\$0	\$0	\$1,700	\$158,000			
			B	Access Improvement	Add curbing and improve access points along KY 476.	\$50,000			\$56,300				
Perry	34	KY 476 at Cole Avenue	A	Signs / Pavement	Relocate Stop sign on Cole Avenue and re-stripe pavement markings.	N/A	\$10,000	\$85,000	\$1,500	\$365,000			
			B	Access Management	Provide designated access points for businesses, separate parking from roadway, and improve intersecting street locations.	\$50,000			\$215,300				
			C	Pavement / Delineation	Improve striping and driveway delineation along KY 476.	N/A			\$1,500				
			D	Signs	Add "Congested Area" signs.	N/A			\$1,700				
Perry	35-1	KY 15 at Entertainment Drive	A	Realignment	Realign intersection.	\$200,000	\$12,000	\$25,000	\$536,800	\$827,000			
			B	Pavement	Add dedicated right turn lane to Entertainment Drive.	\$50,000			\$3,200				
Perry	35-2	KY 15 at Entertainment Drive	A	Striping	Re-stripe approaches to intersection.	\$50,000	\$0	\$50,000	\$177,300	\$330,000			
			B	Pavement	Add dedicated right turn lane to Entertainment Drive.	\$50,000			\$2,700				
Magoffin	36-1	KY 40 at Coal Branch Road	A	Signs	Sign Coal Branch Road to be one-way.	\$50,000	\$0	\$15,000	\$28,600	\$94,000			
			B	Realignment	Realign Flint Street and Higgin Street to accommodate new traffic pattern.								
			C	Signs	Install "No Parking" signs (R8-3a) in front of the bank on KY 40.	N/A			\$400				

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Magoffin	36-2	KY 40 at Coal Branch Road	A	Realignment	Shift intersection away from building to improve sight distance.	\$50,000	\$48,000	\$25,000	\$81,600	\$205,000
			B	Widening	Widen Coal Branch Road.				\$400	
			C	Signs	Install "No Parking" signs (R8-3a) in front of the bank on KY 40.					
Magoffin	36-3	KY 40 at Coal Branch Road	A	Signs	Sign Coal Branch Road to be one-way.	\$50,000	\$75,000	\$15,000	\$109,600	\$250,000
			B	Realignment	Widen and realign Flint Street and Higgin Street to accommodate new traffic pattern.				\$400	
			C	Signs	Install "No Parking" signs (R8-3a) in front of the bank on KY 40.					
Breathitt	37-1	KY 15 at Thorpe Road	A	Pavement	Add full lane rumble strips to slow vehicles through curve.	\$50,000	\$55,000	\$15,000	\$360,000	\$480,000
			B	Sight Distance	Improve sight distance with slope removal near corner of Thorpe Road.					
Breathitt	37-2	KY 15 at Thorpe Road	A	Pavement	Add new roadway between Thorpe Road and Fish Pond Loop.	\$50,000	\$300,000	\$25,000	\$180,000	\$555,000
			B	Access Management	Close Thorpe Road and access points between Thorpe Road and Fish Pond Loop.					
Menifee	38-1	US 460 at KY 746	A	Delineation	Add delineators to require utilization of the center turn lane.	\$50,000	\$0	\$10,000	\$45,300	\$106,000
			B	Pavement	Add left turn receiving pocket on US 460.				\$700	
			C	Pavement	Paint stop bar on KY 746.					
Menifee	38-2	US 460 at KY 746	A	Access Management	Close access points on east side of US 460.	\$50,000	\$0	\$10,000	\$13,300	\$74,000
			B	Pavement	Paint stop bar on KY 746.				\$700	
Wolfe	39 - 1	KY 15 at Swift Camp Creek	A	Pavement	Add SB left turn pocket.	\$200,000	\$0	\$10,000	\$761,000	\$1,090,000
			B	Access Management	Realign Swift Camp Creek Road.				\$69,000	
Wolfe	39 - 2	KY 15 at Swift Camp Creek	A	Access Management	Close road access and provide driveway for resident only.	\$50,000	\$0	\$0	\$35,000	\$85,000
Perry	40 - 1	KY 15 at Scuddy Mountain Rd.	A	Pavement	Install Stop signs and stop bar on driveways.	N/A	\$0	\$10,000	\$3,100	\$250,000
			B	Pavement	Re-stripe dedicated left turn lanes on KY 15.				\$39,100	
			C	Pavement	Improve access for Scuddy Branch Road.				\$147,800	
Perry	40 - 2	KY 15 at Scuddy Mountain Rd.	A	Pavement	Install stop signs and stop bar on driveways.	N/A	\$10,000	\$15,000	\$3,100	\$305,000
			B	Pavement	Re-stripe dedicated left turn lanes on KY 15.				\$39,400	
			C	Pavement	Change access to Scuddy Mountain Road from Scuddy Branch Road.				\$187,500	
Wolfe	41	KY 191 at KY 746	A	Sight Distance	Trim trees inside of curve on KY 191.	N/A	\$10,000	\$25,000	\$2,700	\$295,000
			B	Realignment	Realign for 90 degree intersection.				\$207,300	
			C	Realignment	Extend driveway to access center of the curve.					
Perry	42	KY 476 at KY 1146	A	Signs	Move stop sign on KY 1146 closer to intersection.	N/A	\$0	\$35,000	\$800	\$335,000
			B	Pavement	Add stop bar on KY 1146.				\$700	
			C	Delineation	Delineate KY 476 from parking area.				\$248,500	
Perry	43	KY 15X at Elizabeth Drive	A	Signs / Pavement	Add stop sign and stop bar at Elizabeth Drive approach.	N/A	\$0	\$0	\$900	\$900
			B	Pavement	Install left turn lane from KY 15 to Elizabeth Drive.					
			C	Access Management	Provide designated access points for businesses and separate parking from roadway.					
Powell	44	KY 2486 at Halls Road	A	Signs	Install retroreflective pavement markings and signs.					See Costs for 13
			B	Access Management	Consider closing west approach to thru traffic.					
			C	Signs	Stripe center yellow line and edge lines along KY 2486 (from KY 15 to KY 2476).					
			D	Pavement	Move stop bar on east leg closer to intersection to improve sight distance.					
			E	Signs	Change speed limit to 25 mph on KY 2486.					
Perry	45	KY 1762 at Oakhurst	A	Pavement	Add edge line striping on all approaches.	N/A	\$0	\$0	\$2,000	\$6,000
			B	Pavement	Re-apply stop bars on all approaches.				\$1,000	
			C	Signs	Install new stop signs.				\$3,000	
Lee	46	KY 52 at Old KY 52 / Carlisle	A	Realignment	Realign curve to West Main Street and adjust guard rail.	\$50,000	\$0	\$5,000	\$62,900	\$230,000
			B	Access Management	Eliminate driveway access to KY 52 and install end treatment.				\$5,500	
			C	Access Management	Eliminate business entrance along KY 52 and utilize new access point.				\$6,600	
Wolfe	47	KY 191 at KY 1812	A	Sight Distance	Cut back slope on inside of KY 191 curve.	\$50,000	\$15,000	\$35,000	\$118,400	\$460,000
			B	Realignment	Improve sight distance, realign intersection to "T" in curve.				\$191,600	
Perry	48	KY 476 at KY 3351	A	Realignment	Improve connection of KY 3351 to KY 476.	\$200,000	\$77,500	\$15,000	\$2,480,000	\$2,772,500
			B	Maintenance	Cut back trees on KY 476 EB so flashers are visible.				N/A	
Breathitt	49 - 1	KY 1812 at Snowden Branch Rd	A	Realignment	Provide 90 degree approach for Snowden Branch Road intersection with KY 1812.	\$50,000	\$10,000	\$15,000	\$80,000	\$339,000
			B	Sight Distance	Regrade / repave pavement west of intersection to improve sight distance.				\$50,000	
			C	Sight Distance	Improve sight distance with tree removal in curve and widen ditch.				\$50,000	
Breathitt	49 - 2	KY 1812 at Snowden Branch Rd	A	Widening	Increase shoulder width and eliminate on-street parking. Turn lane added.	\$100,000	\$10,000	\$30,000	\$408,000	\$780,000
			B	Realignment	Provide 90 degree approach for Snowden Branch Road intersection with KY 1812.				\$76,000	
			C	Sight Distance	Improve sight distance with tree removal in curve.				\$3,000	
			D	Sight Distance	Widen ditch and lay back slopes.				\$53,000	
Wolfe	50-1	KY 191 at KY 1010	A	Realignment	Improve sight distance, realign intersection to "T" away from curve.	\$50,000	\$25,000	\$10,000	\$180,000	\$265,000
Wolfe	50-2	KY 191 at KY 1010	A	Sight Distance	Cut back slopes and widen ditch along KY 191 to improve sight distance.	N/A	\$0	\$0	\$210,000	\$210,000

Note: The costs do not account for any environmental permits, mitigation, fees and other costs that may be incurred such as geotechnical analysis.