

Phelps County Transportation Needs										
Revised 10/21/2025   FY26 Priorities - Ph-652, Ph-630, Ph-642 & Ph-631(HPUN #5 Ph-650, #6 Ph-669)										
New #s	COUNTY	STIP FY	Tier	Impr or Exp	DES	RTE	Location Description	Need Description	Area Engineer Comments	
MRPC-1	Phelps, Maries, Osage			E	US	63	Major Project: US 63 from US Hwy 50 in Osage County to the Phelps/Texas County line	Corridor improvements including widening to 4-lane. Shoulders and horizontal alignment improvements as well. (or any project that will advance the 4-laning of the corridor)		
Ph-600	Phelps			E	US	63	Around Rolla	roadway need (bypass)	Partially addressed by Route 72 extension	
Ph-602	Phelps			E	MO	8	St. James to Crawford County Line (entire length)	Further Roadway Improvements for Safety and Capacity.		
Ph-606	Phelps			I	RT	F	Route 72 to Route 68	Safety Improvements		
Ph-610	Phelps			I	RT	T	at CRD 7360	Safety Improvements at Intersection (sight distance issues).	No low-cost solutions. Relocate county road approach is best option. County project or partnership project in future?	
Ph-613	Phelps			I	RT	Y	Entire length of Route Y	Safety & Drainage Improvements		
Ph-614(a)	Phelps	27	3	I	MO	68	Interchange @ off ramp & Route B Intersection	Safety & Traffic control need (congestion concern) & Economic Development.	City of St. James owns right of way from Route KK to south city limits. MoDOT maintains pavement surface of driving lanes only. City project or partnership project in future? TEAP study <b>Tier 3 need on State's list. In SCOPING FY25</b>	
Ph-614(b)	Phelps			I	MO	68	From south of interchange to Highway DD	Safety & Traffic control need (congestion concern)		
Ph-616	Phelps			I	RT	CC	Entire Route	Safety improvements, including flooding issue at end of CC.	Resurfacing in FY25	
Ph-617	Phelps			I	RT	J	7 miles S/O of I-44 to bridge over Spring Creek	roadway need (flooding concern)		
Ph-621(a)	Phelps			I	RT	KK	St. James East to Cuba	Safety Improvements / roadway need / add shoulders (narrow)		
Ph-621(b)	Phelps			I	RT	KK	Intersection at MO 68	Improvements and curbing near the intersection and improve pavement		
Ph-624	Phelps			I	IS	44	I-44	Passing improvements to I-44 (lengthened climbing lanes & ramps)	Climbing lane WB - west of Jerome extended	
Ph-630	Phelps			E	US	63	Entire Route in Phelps County	Corridor improvements including widening to 4-lane.		
Ph-631	Phelps			I	Rt	F	Bridge No. R0523 over Earle Creek	Bridge Need	4-4-5 (Poor Condition). 2-lane. Load posted. Built in 1964.	
Ph-634	Phelps			I	Rt	V	From I-44 to Route 68	Add shoulders/ safety improvements		
Ph-636	Phelps			I	IS	44	North Outer Road between Northwye and Route V	Add shoulders/ safety improvements		
Ph-637	Phelps			I	IS	44	South Outer Road Between Exit 189 and St. James	Add shoulders/ safety improvements		
Ph-638	Phelps	27		I	Rt	HH	Bridge No. N0668 over Spring Creek	Bridge Need	4-5-6 (Poor Condition). 1-lane. Load posted. Built in 1958.	
Ph-642	Phelps			E	IS	44	Near Jerome	Flooding Closes Interstate	Raise I-44 (raise road to bridge level)	
Ph-646	Phelps		3	E	IS	44	I-44, entire length across region	Safety & Capacity Issues	Tier 3 for pavement improvements to eastbound traffic. I-44 Study completed.	
Ph-646(a)	Phelps			I	IS	44	MM 169-170 Eastbound	Climbing/passing lane.		
Ph-646(b)	Phelps			I	IS	44	MM 172-173 Westbound	Climbing/passing lane. (Start existing climbing lane earlier, down in the bottom.)		
Ph-646(c)	Phelps			I	IS	44	MM 182-183 Westbound	Climbing/passing lane. (Start existing climbing lane earlier, down in the bottom.)		
Ph-646(d)	Phelps			I	IS	44	MM 186-187 Eastbound	Passing lane. (Extend existing 3rd lane to past the interchange on ramp.)		
Ph-646(e)	Phelps			I	IS	44	MM 188-189 Westbound	Re-align to reduce roadway curvature, or equivalent action.		
Ph-646(f)	Phelps			I	IS	44	MM 190-191 Westbound	Climbing/passing lane.		
Ph-648	Phelps	27	2	I	IS	44	Hwy V Interchange	Capacity & Safety Improvements @ Interchange, inc. N outer road	Old St. James Rd. Thru to Love's Truck Stop <b>Tier 2 need on Central District's HPUN list.</b>	
Ph-650	Phelps			I	RT	U	Bridge over I-44	Convert Overpass to Interchange on I-44		
Ph-652	Phelps			I	IS	44	44/72 Interchange	Improvements to interchange and roundabouts	Dog bone roundabouts at capacity <b>In SCOPING FY25</b>	
Ph-653	Phelps			I	US	63	63/I-44 Interchange	Improvements to interchange including pedestrian crossings	Existing crossing isn't ADA compliant.	
Ph-654	Phelps	28		I	RT	J	Bridge No. T0878 over Spring Creek	Bridge Need	4-6-5 (Poor Condition). Built in 1955 - look at flooding issue. <b>In SCOPING FY25</b>	
Ph-657	Phelps	29		I	RT	F	Bridge No. R0522 over Norman Creek	Bridge Need	3-6-6 (Serious Condition)	
Ph-658	Phelps			I	RT	V	Intersection at CR 2070	Trucks entering highway w/ elevation and turn radius issues		
Ph-661	Phelps			I	MO	68	Hwy 68 & CR 1050 Intersection	Straightening of intersection and improvements to slope	County demolished shed/possible partnership project	
Ph-662	Phelps			I	MO	69	Hwy 68 & Hwy V	Lighting at intersection		
Ph-663	Phelps			I	MO	63	Intersection at County Road 5180	Turn lane onto county road at curve		
Ph-664	Phelps			I	MO	63	Area around Phelps County Fairgrounds	Turn lanes for safety		
Ph-665	Phelps			I	MO	63	Intersection at County Road 5030/Maggi Construction	Turn lanes for safety on curve		
Ph-666	Phelps			I	RT	T	Bridge No. A1315 over Little Piney	Bridge Need	4-7-7 (Poor Condition). Built in 1963	
Ph-667	Phelps			I	RT	P	Bridge No. A1880 over Mill Creek	Bridge Need	4-6-7 (Poor Condition). Built in 1967	
Ph-668	Phelps			I	RT	C	Bridge No. A3034 over I-44	Bridge Need	4-5-6 (Poor Condition). Built in 1976	
Ph-669	Phelps			I	IS	44	Bridge No. A6671 over Little Piney (westbound)	Bridge Need	6-7-4 (Poor Condition). Built in 2002	
Ph-670	Phelps			I	IS	44 Outer Rd.	North Outer Road between 72 and E	Outer Road need		
Ph-671	Phelps			I	IS	N Outer Rd.	North Outer Road between E and 63	Outer Road need		