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Section 3 – Scoping and Design Projects

2027-2031 Scoping and Design Projects

The purpose of this section is to identify potential future highway and bridge projects. These projects may be in the evaluation stage, which is called project scoping, or may be further along in the preliminary design process. **Projects listed in this section are not commitments to construct or implement an improvement.** These commitments won't be made until the NEPA process is completed. These projects are being included in the STIP for the scoping or preliminary design phase only, and subsequent phases have not yet been determined or are beyond the STIP period.

After needs have been identified and prioritized, the higher-priority needs are included in this section. Next, a core team is formed, comprising personnel from various MoDOT divisions. The core team investigates the problem or concern and develops several solutions that may be either short term or long term. Some problems have no transportation or construction solution and instead may require public education or assistance through law enforcement.

Once a solution is selected, additional preliminary design work occurs. Design progresses up to a point at which MoDOT is confident the solution will properly address the problem or concern of the improvement's cost. The potential project moves into the next stage of the planning framework, which is the prioritization and selection of projects for construction. Projects that have been prioritized and selected for construction are listed in the construction program (see Section 4). Only the construction projects in Section 4 represent a commitment by MoDOT to build the project.

Please see Section 2 for additional discussion regarding how a need becomes a project through the planning framework. This process includes identifying and prioritizing needs, developing solutions, prioritizing and selecting projects for construction.

The amount of time a potential project spends in the scoping and design phase varies. Some potential projects are more complex than others, and they might remain in the scoping and design phase for several years. This is especially true for projects such as Missouri and Mississippi River bridge replacements, new roadway construction, or converting a two-lane road to a four-lane road. Some projects could be added to the construction program (see Section 4) in future STIP amendments, either using existing capacity shown in Section 5 or if additional funding becomes available.

2027 - 2031 Scoping and Design Projects

**STATE FISCAL YEAR PROJECT
BUDGETING (ENGINEERING)**

						Prior	7/2026	7/2027
						Prog	6/2027	6/2031
County:	JACKSON	Consultant services for cable inspection of I-29 over the Missouri River in Clay County, I-70 over the Mississippi River in St. Louis City, and Rte. 34 over the Mississippi River in Cape Girardeau County. Project involves bridges A7650, A6500, and A5076.						
		\$1,000,000 IDOT				0	3,000	0
Route:	IS 29	Adv. CN	2,000	State :	0	Local :	1,000	
Job No.:	ST0176	Anticipated Federal Funds : AC-STBG				Future Cost : 0		
County:	VARIOUS	Traffic and safety study at various statewide locations.						
Route:	VARIOUS	Federal	450	State :	50	Local :	0	
Job No.:	0P2307	Anticipated Federal Funds : SAFETY				Future Cost : 0		
County:	VARIOUS	Traffic and safety study at various statewide locations.						
Route:	VARIOUS	Federal	720	State :	80	Local :	0	
Job No.:	0P2307B	Anticipated Federal Funds : SAFETY				Future Cost : 0		
County:	VARIOUS	Historic Preservation commitments to be completed at various statewide locations.						
Route:	VARIOUS	Adv. CN	640	State :	160	Local :	0	
Job No.:	ST0006	Anticipated Federal Funds : AC-STBG				Future Cost : 0		
County:	VARIOUS	Statewide load rating project per FHWA directive. This project will focus on updating load ratings for routine span type bridges in Missouri, which number around 7,000.						
Route:	VARIOUS	Adv. CN	1,600	State :	400	Local :	0	
Job No.:	ST0009	Anticipated Federal Funds : AC-STBG				Future Cost : 0		
County:	VARIOUS	Statewide load rating project per FHWA directive. This project will focus on updating load ratings for larger bridges in Missouri, which number around 300.						
Route:	VARIOUS	Adv. CN	9,600	State :	2,400	Local :	0	
Job No.:	ST0010	Anticipated Federal Funds : AC-STBG				Future Cost : 0		
County:	VARIOUS	Consultant services to develop utilities relocation training materials and support services.						
Route:	VARIOUS	Adv. CN	136	State :	34	Local :	0	
Job No.:	ST0146	Anticipated Federal Funds : AC-STBG				Future Cost : 0		
County:	VARIOUS	Scoping for right of way oversight and administration.						
Route:	VARIOUS	Adv. CN	160	State :	40	Local :	0	
Job No.:	ST0148	Anticipated Federal Funds : AC-STBG				Future Cost : 0		

2027 - 2031 Scoping and Design Projects

						STATE FISCAL YEAR PROJECT BUDGETING (ENGINEERING)		
						Prior	7/2026	7/2027
						Prog	6/2027	6/2031
County:	VARIOUS	Scoping for road safety audits and safety assessments on various statewide locations.						
Route:	VARIOUS	Federal	180	State :	20	Local :	0	
Job No.:	ST0149	Anticipated Federal Funds : SAFETY						
						1,000	200	0
County:	VARIOUS	Professional services for staff training to foster favorable pollinator habitat, identify, survey, and map suitable habitats statewide and develop a database for this information. \$150,000 Roadside Pollinator Discretionary Grant.						
Route:	VARIOUS	Federal	150	State :	0	Local :	0	
Job No.:	ST0150	Anticipated Federal Funds : OTHER						
						0	150	0
County:	VARIOUS	Railroad project coordination at various statewide locations.						
Route:	VARIOUS	Adv. CN	120	State :	30	Local :	0	
Job No.:	ST0169	Anticipated Federal Funds : AC-STBG						
						0	150	0
County:	VARIOUS	United States Army Corps of Engineers Approved Jurisdictional Determination, and environmental permit and coordination reviews of projects at various locations statewide, staff training, and field work assistance.						
Route:	VARIOUS	Federal	0	State :	1,125	Local :	0	
Job No.:	ST0171	Anticipated Federal Funds : STATE						
						125	250	875
County:	VARIOUS	Development and coordination of MoDOT Statewide Resilience Improvement Plan.						
Route:	VARIOUS	Federal	30	State :	8	Local :	0	
Job No.:	ST0173	Anticipated Federal Funds : PROTECT						
						154	38	0
County:	VARIOUS	Railroad engineering support at various statewide locations.						
Route:	VARIOUS	Federal	0	State :	150	Local :	0	
Job No.:	ST0174	Anticipated Federal Funds : STATE						
						75	150	0
County:	VARIOUS	Consultant services contract for oversight of environmental and historic preservation permits, clearances, training, and project reviews at various locations statewide.						
Route:	VARIOUS	Federal	0	State :	4,500	Local :	0	
Job No.:	ST0175	Anticipated Federal Funds : STATE						
						200	1,500	3,000

2027 - 2031 Scoping and Design Projects

STATEWIDE

Project Count : 15

	2027	2028	2029	2030	2031
State:	3,160	2,512	2,350	850	125
AC State:	6,668	2,788	2,400	2,400	0
Local:	1,000	0	0	0	0
Sub total:	10,828	5,300	4,750	3,250	125

Federal

Sub-total Federal:	945	585	0	0	0
Grand Total:	11,773	5,885	4,750	3,250	125

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2027 - 2031 Scoping and Design Projects

STATE FISCAL YEAR PROJECT BUDGETING (ENGINEERING)		
Prior	7/2026	7/2027
Prog	6/2027	6/2031
11,500	5,000	20,000
1,000	500	0
100	150	150

County:	VARIOUS	Engineering for safety and capacity improvements from Blue Springs to Wentzville.					
Route:	IS 70	Federal	20,000	State :	5,000	Local :	0
Job No.:	ST0070	Anticipated Federal Funds : NHPP			Future Cost : 0		
County:	VARIOUS	Consultant services for innovative vehicle support.					
Route:	VARIOUS	Adv. CN	400	State :	100	Local :	0
Job No.:	ST0136	Anticipated Federal Funds : AC-STBG			Future Cost : 0		
County:	VARIOUS	Scoping to calculate levee reassessment fees at various locations statewide.					
Route:	VARIOUS	Adv. CN	240	State :	60	Local :	0
Job No.:	ST0147	Anticipated Federal Funds : AC-STBG			Future Cost : 0		

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2027 - 2031 Scoping and Design Projects

STATEWIDE

Project Count : 3

	2027	2028	2029	2030	2031
State:	1,130	1,030	1,000	1,000	1,000
AC State:	520	120	0	0	0
Local:	0	0	0	0	0
Sub total:	1,650	1,150	1,000	1,000	1,000

Federal

Sub-total Federal:	4,000	4,000	4,000	4,000	4,000
Grand Total:	5,650	5,150	5,000	5,000	5,000

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2027 - 2031 Scoping and Design Projects

STATEWIDE

Project Count : 18

	2027	2028	2029	2030	2031
State:	4,290	3,542	3,350	1,850	1,125
AC State:	7,188	2,908	2,400	2,400	0
Local:	1,000	0	0	0	0
Sub total:	12,478	6,450	5,750	4,250	1,125

Federal

Sub-total Federal:	4,945	4,585	4,000	4,000	4,000
Grand Total:	17,423	11,035	9,750	8,250	5,125

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