



Missouri Department of Transportation
CADD Services - Design Division

Proposed Projects_2021 LiDAR Program

No	County	Route	District	Length (mi)	Area (ac)	Acquisition Method	Project Scope
1	Atchison ¹	136	Northwest	5.0	237.3	Airborne/Terrestrial LiDAR Integration (ATLI) (data fusion)	Aerial photogrammetric, aerial and terrestrial LiDAR services for design and development of the specified highway project. Terrestrial LiDAR is defined as either mobile or static systems.
2	Holt	159	Northwest	5.7	275.3	Airborne/Terrestrial LiDAR Integration (ATLI) (data fusion)	
3	Holt ¹	111	Northwest	1.0	20.0	Airborne/Terrestrial LiDAR Integration (ATLI) (data fusion)	
4	Linn	36	Northwest	0.6	23.3	Airborne/Terrestrial LiDAR Integration (ATLI) (data fusion)	Remote Sensing Services shall include analytics, compilation and terrain modeling in addition to orthophoto imaging, ground targeting, aerial photography, Light Detection and Ranging (LiDAR) acquisition, and control surveying. Both aerial and terrestrial LiDAR projects will require the mapping of obscure areas, utilities and drainage, etc., for a full topographic service.
5	Callaway	54	Central	1.0	22.0	Terrestrial Mobile LiDAR (TML)	
6	St Louis	336	St Louis	7.0	184.6	Terrestrial Mobile LiDAR (TML)	
7	St Charles	I64/I-70/US61	St Louis	5.2	423.1	Airborne/Terrestrial LiDAR Integration (ATLI) (data fusion)	¹ Boundary Surveying Services shall include but not limited to the following: 1) records research and field surveying necessary for determining existing Missouri Highways and Transportation Commission (MHTC) boundaries, private or public property adjoining the Commission boundary lines, and United States Public Land Survey (USPLSS) boundaries, 2) development or review of acquisition documentation for each tract a land acquired by MHTC, 3) location survey plat development and monumentation of land acquired by MHTC. Boundary Surveying Services shall be done in accordance with the Missouri Revised Statutes, Code of State Regulations (20 CSR 2030) and Missouri Department of Transportation (MODOT) Engineering Policy Guide (EPG).
8	Jefferson	I-55	St Louis	7.4	700.0	Airborne/Terrestrial LiDAR Integration (ATLI) (data fusion)	
9	Greene	13	Southwest	7.8	285.1	Terrestrial Mobile LiDAR (TML)	
10	Webster	60	Southwest	14.9	1389.5	Airborne/Terrestrial LiDAR Integration (ATLI) (data fusion)	
11	Webster	60	Southwest	5.7	508.8	Airborne/Terrestrial LiDAR Integration (ATLI) (data fusion)	