

Analysis Set Summary Report

(Based on Facility Service Capacity)

Lake-Sumter 2025 LRTP

2025 Cost Affordable Plan

Network:	Lake-Sumter MPO	
Base Year:	2010ec	2010
Future Year:	2025ca	2025

Sort Order:	N/A
Report Date:	7/21/2006
Report Time:	9:47:38 AM

Segment Inventory:	Base Year				Future Year			
	State	County	Other	Total	State	County	Other	Total
Number of segments:	168	333	0	501	170	359	0	529
Segments with data:	0	0	0	0	170	334	0	504
Centerline miles:	222.76	427.68	0.00	650.44	227.38	474.41	0.00	701.78
Centerline miles with data:	0.00	0.00	0.00	0.00	227.38	453.02	0.00	680.39
Percent coverage:	0.00	0.00	0.00	0.00	100.00	95.49	0.00	96.95
Lane-miles:	778.80	923.15	0.00	1,701.95	865.24	1,259.75	0.00	2,124.99
rPkDir Vehicle-Miles of Travel (VMT):	0	0	0	0	440,399	223,517	0	663,916
kDir Vehicle-Miles of MSV (VMMSV):	296,129	319,099	0	615,228	341,763	614,904	0	956,666
cDir Vehicle-Miles of Capacity (VMC):	483,960	440,412	0	924,372	524,469	759,894	0	1,284,363
% VMT Below Standard (Facility):	0.00	0.00	0.00	0.00	83.11	15.73	0.00	60.43
% VMT Below Standard (Segment):	0.00	0.00	0.00	0.00	82.95	17.39	0.00	60.88

System Performance:	Base Year				Future Year			
	State	County	Other	Total	State	County	Other	Total
% VMT at V:MSV = 0.001 - 0.100:	0.00	0.00	0.00	0.00	0.00	1.45	0.00	0.49
% VMT at V:MSV = 0.101 - 0.200:	0.00	0.00	0.00	0.00	0.05	10.26	0.00	3.49
% VMT at V:MSV = 0.201 - 0.300:	0.00	0.00	0.00	0.00	0.00	12.84	0.00	4.32
% VMT at V:MSV = 0.301 - 0.400:	0.00	0.00	0.00	0.00	0.28	12.54	0.00	4.40
% VMT at V:MSV = 0.401 - 0.500:	0.00	0.00	0.00	0.00	0.08	17.03	0.00	5.79
% VMT at V:MSV = 0.501 - 0.600:	0.00	0.00	0.00	0.00	2.32	6.52	0.00	3.73
% VMT at V:MSV = 0.601 - 0.700:	0.00	0.00	0.00	0.00	0.48	6.05	0.00	2.36
% VMT at V:MSV = 0.701 - 0.800:	0.00	0.00	0.00	0.00	3.25	6.98	0.00	4.51
% VMT at V:MSV = 0.801 - 0.900:	0.00	0.00	0.00	0.00	4.65	6.26	0.00	5.19
% VMT at V:MSV = 0.901 - 1.000:	0.00	0.00	0.00	0.00	5.78	4.34	0.00	5.30
% VMT at V:MSV = 1.001 - 1.100:	0.00	0.00	0.00	0.00	3.18	6.12	0.00	4.17
% VMT at V:MSV = 1.101 - 0.200:	0.00	0.00	0.00	0.00	26.96	2.60	0.00	18.76
% VMT at V:MSV = 1.201 - 1.300:	0.00	0.00	0.00	0.00	12.90	1.72	0.00	9.13
% VMT at V:MSV = 1.301 - 1.400:	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.34
% VMT at V:MSV = 1.401 - 1.500:	0.00	0.00	0.00	0.00	4.29	2.01	0.00	3.52
% VMT at V:MSV = 1.501 - 1.600:	0.00	0.00	0.00	0.00	10.71	0.00	0.00	7.11
% VMT at V:MSV = 1.601 - 1.700:	0.00	0.00	0.00	0.00	6.04	0.00	0.00	4.01
% VMT at V:MSV = 1.701 - 1.800:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% VMT at V:MSV = 1.801 - 1.900:	0.00	0.00	0.00	0.00	3.76	1.21	0.00	2.90
% VMT at V:MSV = 1.901 - 2.000:	0.00	0.00	0.00	0.00	2.58	0.00	0.00	1.71
% VMT at V:MSV = Over 2.000:	0.00	0.00	0.00	0.00	12.17	2.07	0.00	8.77
Weighted Average V:MSV Ratio:	0.000	0.000	0.000	0.000	1.587	0.611	0.000	1.258

Improvement Analysis:	Future Year			
	State	County	Other	Total
Design Costs:	\$47,571,648	\$47,895,547	\$0	\$95,467,195
Right-of-Way Costs:	\$56,943,167	\$58,454,236	\$0	\$115,397,403
Construction Costs:	\$189,681,796	\$266,169,977	\$0	\$455,851,773
Miscellaneous Costs:	\$20,000,000	\$0	\$0	\$20,000,000
Total Cost:	\$314,196,611	\$372,519,760	\$0	\$686,716,371
Cost Where no Lane Changes:	\$0	\$0	\$0	\$0
Vehicle-Miles of Capacity Added:	40,509	319,482	0	359,991
Cost per Vehicle-Mile:	\$7,756	\$1,166	\$0	\$1,908