

Analysis Set Summary Report

(Based on Facility Service Capacity)

Lake-Sumter 2025 LRTP

Cost Affordable Alternative 1

Network:	Lake-Sumter MPO	
Base Year:	2010ec	2010
Future Year:	2025ca1	2025

Sort Order:	N/A
Report Date:	7/21/2006
Report Time:	8:58:09 AM

Segment Inventory:	Base Year				Future Year			
	State	County	Other	Total	State	County	Other	Total
Number of segments:	168	333	0	501	169	329	0	498
Segments with data:	0	0	0	0	168	323	0	491
Centerline miles:	223.03	413.54	0.00	636.57	227.97	430.41	0.00	658.38
Centerline miles with data:	0.00	0.00	0.00	0.00	224.15	422.92	0.00	647.08
Percent coverage:	0.00	0.00	0.00	0.00	98.33	98.26	0.00	98.28
Lane-miles:	780.39	890.26	0.00	1,670.65	871.95	993.62	0.00	1,865.57
r2Way Vehicle-Miles of Travel (VMT):	0	0	0	0	778,902	357,997	0	1,136,899
Way Vehicle-Miles of MSV (VMMSV):	539,342	556,390	0	1,095,732	624,908	645,093	0	1,270,000
Vay Vehicle-Miles of Capacity (VMC):	881,694	765,740	0	1,647,434	995,278	862,706	0	1,857,984
% VMT Below Standard (Facility):	0.00	0.00	0.00	0.00	83.74	29.60	0.00	66.69
% VMT Below Standard (Segment):	0.00	0.00	0.00	0.00	85.01	29.60	0.00	67.56

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	0.76	0.00	0.24
% VMT at V:MSV = 0.101 - 0.200:	0.00	0.00	0.00	0.00	0.04	4.59	0.00	1.47
% VMT at V:MSV = 0.201 - 0.300:	0.00	0.00	0.00	0.00	0.27	2.85	0.00	1.08
% VMT at V:MSV = 0.301 - 0.400:	0.00	0.00	0.00	0.00	0.27	9.51	0.00	3.18
% VMT at V:MSV = 0.401 - 0.500:	0.00	0.00	0.00	0.00	0.20	5.53	0.00	1.88
% VMT at V:MSV = 0.501 - 0.600:	0.00	0.00	0.00	0.00	0.44	8.91	0.00	3.10
% VMT at V:MSV = 0.601 - 0.700:	0.00	0.00	0.00	0.00	1.96	10.87	0.00	4.76
% VMT at V:MSV = 0.701 - 0.800:	0.00	0.00	0.00	0.00	3.50	14.19	0.00	6.87
% VMT at V:MSV = 0.801 - 0.900:	0.00	0.00	0.00	0.00	3.45	6.28	0.00	4.34
% VMT at V:MSV = 0.901 - 1.000:	0.00	0.00	0.00	0.00	6.12	6.93	0.00	6.38
% VMT at V:MSV = 1.001 - 1.100:	0.00	0.00	0.00	0.00	8.67	7.31	0.00	8.24
% VMT at V:MSV = 1.101 - 0.200:	0.00	0.00	0.00	0.00	2.05	3.46	0.00	2.49
% VMT at V:MSV = 1.201 - 1.300:	0.00	0.00	0.00	0.00	6.72	2.87	0.00	5.51
% VMT at V:MSV = 1.301 - 1.400:	0.00	0.00	0.00	0.00	12.35	3.64	0.00	9.61
% VMT at V:MSV = 1.401 - 1.500:	0.00	0.00	0.00	0.00	12.35	4.29	0.00	9.81
% VMT at V:MSV = 1.501 - 1.600:	0.00	0.00	0.00	0.00	20.08	1.73	0.00	14.30
% VMT at V:MSV = 1.601 - 1.700:	0.00	0.00	0.00	0.00	2.19	3.26	0.00	2.53
% VMT at V:MSV = 1.701 - 1.800:	0.00	0.00	0.00	0.00	8.91	1.33	0.00	6.52
% VMT at V:MSV = 1.801 - 1.900:	0.00	0.00	0.00	0.00	1.95	0.10	0.00	1.36
% VMT at V:MSV = 1.901 - 2.000:	0.00	0.00	0.00	0.00	1.60	0.00	0.00	1.09
% VMT at V:MSV = Over 2.000:	0.00	0.00	0.00	0.00	6.87	1.61	0.00	5.22
Weighted Average V:MSV Ratio:	0.000	0.000	0.000	0.000	1.505	0.837	0.000	1.295

Improvement Analysis:	Future Year			
	State	County	Other	Total
Design Costs:	\$38,509,587	\$13,514,734	\$0	\$52,024,321
Right-of-Way Costs:	\$28,525,623	\$16,469,714	\$0	\$44,995,337
Construction Costs:	\$142,628,105	\$77,526,437	\$0	\$220,154,542
Miscellaneous Costs:	\$20,000,000	\$0	\$0	\$20,000,000
Total Cost:	\$229,663,315	\$107,510,885	\$0	\$337,174,200
Cost Where no Lane Changes:	\$0	\$0	\$0	\$0
Vehicle-Miles of Capacity Added:	113,584	96,966	0	210,550
Cost per Vehicle-Mile:	\$2,022	\$1,109	\$0	\$1,601