

Analysis Set Summary Report

(Based on Facility Service Capacity)
 Lake-Sumter MPO 2025 LRTP
 2025 Needs Plan

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

Sort Order:	N/A
Report Date:	7/21/2006
Report Time:	8:45:09 AM

Segment Inventory:	Base Year				Future Year			
	State	County	Other	Total	State	County	Other	Total
Number of segments:	168	333	0	501	177	376	0	553
Segments with data:	0	0	0	0	174	347	0	521
Centerline miles:	222.76	427.65	0.00	650.41	245.47	512.82	0.00	758.29
Centerline miles with data:	0.00	0.00	0.00	0.00	241.75	487.43	0.00	729.19
Percent coverage:	0.00	0.00	0.00	0.00	98.49	95.05	0.00	96.16
Lane-miles:	778.80	923.09	0.00	1,701.90	1,066.39	1,529.92	0.00	2,596.32
rPkDir Vehicle-Miles of Travel (VMT):	0	0	0	0	469,141	311,434	0	780,575
kDir Vehicle-Miles of MSV (VMMSV):	296,129	319,078	0	615,207	476,571	702,168	0	1,178,739
cDir Vehicle-Miles of Capacity (VMC):	483,960	440,384	0	924,344	677,836	846,873	0	1,524,709
% VMT Below Standard (Facility):	0.00	0.00	0.00	0.00	67.51	12.56	0.00	45.59
% VMT Below Standard (Segment):	0.00	0.00	0.00	0.00	63.72	14.81	0.00	44.20

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	0.09	1.23	0.00	0.54
% VMT at V:MSV = 0.101 - 0.200:	0.00	0.00	0.00	0.00	0.29	2.43	0.00	1.14
% VMT at V:MSV = 0.201 - 0.300:	0.00	0.00	0.00	0.00	0.00	11.53	0.00	4.60
% VMT at V:MSV = 0.301 - 0.400:	0.00	0.00	0.00	0.00	0.93	9.34	0.00	4.29
% VMT at V:MSV = 0.401 - 0.500:	0.00	0.00	0.00	0.00	1.33	6.02	0.00	3.20
% VMT at V:MSV = 0.501 - 0.600:	0.00	0.00	0.00	0.00	4.12	11.66	0.00	7.13
% VMT at V:MSV = 0.601 - 0.700:	0.00	0.00	0.00	0.00	4.94	10.54	0.00	7.17
% VMT at V:MSV = 0.701 - 0.800:	0.00	0.00	0.00	0.00	17.17	21.55	0.00	18.91
% VMT at V:MSV = 0.801 - 0.900:	0.00	0.00	0.00	0.00	1.10	8.83	0.00	4.18
% VMT at V:MSV = 0.901 - 1.000:	0.00	0.00	0.00	0.00	2.53	4.31	0.00	3.24
% VMT at V:MSV = 1.001 - 1.100:	0.00	0.00	0.00	0.00	6.12	3.71	0.00	5.16
% VMT at V:MSV = 1.101 - 0.200:	0.00	0.00	0.00	0.00	6.14	4.19	0.00	5.36
% VMT at V:MSV = 1.201 - 1.300:	0.00	0.00	0.00	0.00	18.15	0.92	0.00	11.27
% VMT at V:MSV = 1.301 - 1.400:	0.00	0.00	0.00	0.00	6.03	1.49	0.00	4.22
% VMT at V:MSV = 1.401 - 1.500:	0.00	0.00	0.00	0.00	15.41	0.25	0.00	9.36
% VMT at V:MSV = 1.501 - 1.600:	0.00	0.00	0.00	0.00	0.32	0.51	0.00	0.40
% VMT at V:MSV = 1.601 - 1.700:	0.00	0.00	0.00	0.00	4.89	0.35	0.00	3.08
% VMT at V:MSV = 1.701 - 1.800:	0.00	0.00	0.00	0.00	3.68	0.00	0.00	2.21
% VMT at V:MSV = 1.801 - 1.900:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% VMT at V:MSV = 1.901 - 2.000:	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.07
% VMT at V:MSV = Over 2.000:	0.00	0.00	0.00	0.00	6.78	0.97	0.00	4.47
Weighted Average V:MSV Ratio:	0.000	0.000	0.000	0.000	1.240	0.666	0.000	1.011

Improvement Analysis:	Future Year			
	State	County	Other	Total
Design Costs:	\$122,474,103	\$69,927,344	\$0	\$192,401,447
Right-of-Way Costs:	\$108,547,295	\$84,609,905	\$0	\$193,157,200
Construction Costs:	\$463,802,676	\$509,688,104	\$0	\$973,490,780
Miscellaneous Costs:	\$20,000,000	\$0	\$0	\$20,000,000
Total Cost:	\$714,824,074	\$664,225,353	\$0	\$1,379,049,427
Cost Where no Lane Changes:	\$0	\$0	\$0	\$0
Vehicle-Miles of Capacity Added:	193,876	406,489	0	600,365
Cost per Vehicle-Mile:	\$3,687	\$1,634	\$0	\$2,297