

Metropolitan Planning Organization (MPO) Long-Range Transportation Plan - A Typical Time and Task Schedule

MONTHS

	Tasks	1	2	3	4 5	6	7	8	9	10	11	12	13	3	14	15	16	17	18	19	20	21	22	23	24	4 2	5	26	27	28	29	30	31	32	Months Involving Work
Evaluation and review of existing long-range transportation plan	Initial evaluation of existing plan, review plan accomplishments, and look at the challenges that arose and prevented/slowed down progress on plan implementation	X																																	2
	Finalize outline and create sub- committees (freight, transit, rail, etc.)	X																																	2
	Establish initial set of goals and objectives		X																																2
Coordination efforts	Coordinate with and data collection from DNR, DED, Bureau of Indian Affairs, Corps of Engineers, and other appropriate agencies	X	X	X				X	X							X							X	X										X	4
	Hold public informational open houses with each member city and the general public	X						X								X								X										X	5
	Collaborate with RPAs that surround the MPO, concerning major traffic generators, commuting patterns, socioeconomic data, modal usage trends, etc.				X					X								X											X						4
Socioeconomic	Data collection, forecasting, and analyses-population (REMI model is one source), age cohorts, employment, dwelling units, land use zoning, minorities, disabled, low		X	X	XX	XX	X	X																											8

	income, etc. • Policy Board and TAC sign-off required on each of these characteristics																					
Model update and calibration	Determine trip generation, calculate the number of trips (attractions and productions)	X	X	X	X	X	X	X	X													9
	Conduct trip distribution-use gravity model to determine where trips will go (shortest travel time)										X											9
	Establish trip assignment-select which routes the trips will use (links, capacities, speeds, nodes, etc.)											X										11
	Calibrate and validate travel demand model for each step: trip generation, trip assignment and trip distribution • Policy Board and TAC sign-off required on final model design									X	X	X	X	X	X	X						9
	Obtain Iowa DOT verification of model calibration and validation									X		X	X		X	X						5
Modal trends, condition, and issues - from a freight and passenger perspective	Analyze trends, determine usage (VMT and VHT by route), and establish existing physical condition (and LOS) of the street and highway system. Incorporate results from pavement, bridge and congestion management systems. Hold subcommittee work sessions. Determine issues, barriers and challenges.		2	X	X	X	X	X	X	X	X											10
	Analyze trends, determine usage and establish existing condition of the airport. Hold subcommittee work sessions. Determine issues, barriers and challenges.							X	X	X												4
	Analyze trends, determine usage and																					

	establish existing physical condition (and BLOS) of the bicycle and pedestrian system. Hold sub- committee work sessions. Determine issues, barriers and challenges.									X	X	X		7	(4
	Analyze trends, determine usage and establish existing condition of the railroad network. Hold subcommittee work sessions. Determine issues, barriers and challenges.											X	X	X									4
	Analyze trends, determine usage and establish existing condition of the urban transit system; with emphasis on coordination with human service agencies. Incorporate results from transit management system. Hold subcommittee work sessions. Determine issues, barriers and challenges.													X	X	ζ.							4
	Analyze trends, determine usage and establish existing condition of the waterway system, if applicable. Determine issues, barriers and challenges.															2	X X						3
	Daview and refine the project	1																			-		
Project development and evaluation	Review and refine the project selection and prioritization methodology • Policy Board and TAC sign-off required on the methodology		X		X		X			X			X										6
	Policy Board and TAC reach consensus on which investment scenarios would be applicable					X						X		2	X	X 2	X						6
	Run various project scenarios through the travel demand model															2	X X	X					4
	Review past investment strategies (by mode) and evaluate the impact these strategies have had on the usage and condition of each mode, as well as the overall transportation system			X				X	X	X						2	X						6

	Refine, finalize and approve goal statements												X	2	X				3
	Implement project selection and prioritization process											X	X						3
C	Calculate project costs for each													_					<u> </u>
Comparison of revenues and costs	Calculate project costs for each scenario based on typical/average improvement cost figures										X	X	X						4
	Determine/estimate future available revenues based on the best information available and reasonable assumptions	X	X	X X						X									6
	Implement financial constraint												X	X					2
Plan document preparation	Submit chapters 1 and 2 (metro planning process, plan goals and objectives, and socio-economic background and trends) to Iowa DOT for review						X												1
	Submit chapters 3 and 4 (model development; and modal trends conditions, and issues) to Iowa DOT for review																		1
	Submit chapters 5 and 6 (key transportation needs/issues, and metro strengths, weaknesses, opportunities, and threats) to Iowa DOT for review																		
	Submit chapters 7 and 8 (project development; revenues and costs) to Iowa DOT for review																		
	Policy Board and TAC approval of full draft report																		1
	Submit draft report to Iowa DOT for review																		1
	Conduct 45-day public comment period															X			2

Incorporate public and Iowa DOT comments													X				2
Policy Board approval of final report														X			2
Submit final report to Iowa DOT for acceptance																	1
Interaction and discussions with Policy Board and TAC	X	X	X	X	X	X	x x	X	X	X	X	X		X	X		16
LRTP provides guidance as the TIP is being developed*																xxxx	On-going
Continue monitoring changes that would necessitate revisions/amendments to the plan Establish a process where an annual review of the Plan will be conducted																xxxx	On-going

^{*} Ongoing use of LRTP at Policy Board and TAC meetings required as TIP is being developed and planning/programming activities are undertaken

=Task completed