

Table of Contents

Volume I

SECTION 1.	INTRODUCTION	1-1
1.1	BACKGROUND.....	1-1
1.1.1	DMA 2000 Origins -The Stafford Act	1-1
1.1.2	Benefits of Mitigation Planning	1-2
1.1.3	Organizations Involved in the Mitigation Planning Effort.....	1-2
1.1.4	Organization.....	1-6
1.1.5	Implementation of Prior and Existing Local Hazard Mitigation Plans	1-7
1.1.6	Implementation of the Planning Process.....	1-8
1.1.7	Organization of This Mitigation Plan.....	1-9
1.2	THE PLAN UPDATE – WHAT IS DIFFERENT?	1-11
SECTION 2.	PLAN ADOPTION	2-1
2.1	OVERVIEW.....	2-1
2.1.1	Plan Adoption by Local Governing Bodies	2-1
SECTION 3.	PLANNING PROCESS	3-1
3.1	INTRODUCTION.....	3-1
3.2	ORGANIZATION OF THE PLANNING PROCESS	3-2
3.2.1	Organization of Planning Partnership	3-2
3.2.2	Planning Activities.....	3-6
3.3	STAKEHOLDER OUTREACH AND INVOLVEMENT.....	3-7
3.3.1	Public Outreach.....	3-11
3.4	INCORPORATION OF EXISTING PLANS, STUDIES, REPORTS AND TECHNICAL INFORMATION	3-14
3.5	INTEGRATION WITH EXISTING PLANNING MECHANISMS AND PROGRAMS.....	3-17
3.6	CONTINUED PUBLIC INVOLVEMENT	3-17
SECTION 4	COUNTY PROFILE	4-1
4.1	GENERAL INFORMATION	4-1
4.2	MAJOR PAST HAZARD EVENTS.....	4-1
4.3	PHYSICAL SETTING.....	4-3

4.3.1	Location	4-3
4.3.2	Topography and Geology.....	4-3
4.3.3	Hydrography and Hydrology	4-4
4.3.4	Climate.....	4-6
4.3.5	Land Use and Land Cover.....	4-6
4.4	POPULATION AND DEMOGRAPHICS	4-8
4.4.1	Vulnerable Populations	4-10
4.4.2	General Building Stock	4-17
4.5	LAND USE AND POPULATION TRENDS	4-22
4.5.1	Land Use Trends	4-22
4.5.2	Population Trends	4-28
4.5.3	Future Growth and Development	4-30
4.6	CRITICAL FACILITIES	4-31
4.6.1	Essential Facilities.....	4-33
4.6.2	Transportation Systems	4-37
4.6.3	Lifeline Utility Systems.....	4-39
4.6.4	High-Potential Loss Facilities	4-43
4.6.5	Housing and Relocation	4-48
SECTION 5.	RISK ASSESSMENT	5-1
5.1	METHODOLOGY AND TOOLS	5.1-1
5.1.1	Asset Inventories.....	5.1-1
5.1.2	Methodology	5.1-2
5.1.3	Data Source Summary.....	5.1-8
5.2	IDENTIFICATION OF HAZARDS OF CONCERN	5.2-1
5.2.1	Changes From 2013 Hazard Mitigation Plan	5.2-1
5.2.2	Hazard Groupings.....	5.2-1
5.2.3	Summary Of Hazards Of Concern	5.2-10
5.3	HAZARD RANKING.....	5.3-1
5.3.1	Hazard Ranking Methodology	5.3-1
5.3.2	Hazard Ranking Results.....	5.3-4
5.4	HAZARD PROFILES.....	5.4-1
5.4.1	Earthquake	5.4.1-1
5.4.2	Extreme Temperature.....	5.4.3-1
5.4.3	Flood	5.4.4-1
5.4.4	Severe Storm	5.4.5-1

	5.4.6 Severe Winter Storm	5.4.6-1
	5.4.7 Wildfire	5.4.7-1
	5.4.8 CBRN	5.4.8-1
	5.4.9 Disease Outbreak.....	5.4.9-1
SECTION 6.	MITIGATION STRATEGIES	6-1
6.1	BACKGROUND AND PAST MITIGATION ACCOMPLISHMENTS	6-1
6.2	GENERAL MITIGATION PLANNING APPROACH.....	6-5
6.3	REVIEW AND UPDATE OF MITIGATION GOALS AND OBJECTIVES.....	6-6
	6.3.1 Goals and Objectives	6-6
6.4	CAPABILITY ASSESSMENT.....	6-8
	6.4.1 Planning and Regulatory Capabilities - County and Local	6-9
	6.4.2 Planning and Regulatory Capabilities – State and Federal	6-11
	6.4.3 Administrative and Technical Capabilities - County and Local	6-12
	6.4.4 Administrative and Technical Capabilities - State and Federal	6-17
	6.4.5 Fiscal Capabilities – County and Local.....	6-21
	6.4.6 Fiscal Capabilities – State and Federal	6-21
	6.4.7 Potential Mitigation Funding Sources.....	6-33
6.5	MITIGATION STRATEGY DEVELOPMENT AND UPDATE	6-39
	.5.1 Update of Municipal Mitigation Strategies.....	6-39
	6.5.2 Update of County Mitigation Strategy	6-40
	6.5.3 Mitigation Strategy Evaluation and Prioritization.....	6-41
	6.5.4 Benefit/Cost Review	6-43
SECTION 7.	PLAN MAINTENANCE PROCEDURES.....	7-1
7.1	MONITORING, EVALUATING AND UPDATING THE PLAN	7-2
	7.1.1 Monitoring	7-2
	7.1.2 Integration Process of the HMP into Municipal Planning Mechanisms	7-3
	7.1.3 Evaluating	7-6
	7.1.4 Updating.....	7-8
	7.1.5 Grant Monitoring and Coordination.....	7-8
7.2	IMPLEMENTATION OF MITIGATION PLAN THROUGH EXISTING PROGRAMS.....	7-9
7.3	CONTINUED PUBLIC INVOLVEMENT	7-10
	Acronyms and Abbreviations	AC-1
	References.....	R-1

Appendices

Appendix A Plan Adoption
Appendix B Participation Matrix
Appendix C Meeting Documentation
Appendix D Public and Stakeholder Outreach
Appendix E Supplementary Data
Appendix F Critical Facilities
Appendix G Plan Review Tools
Appendix H NYSDHSES Guidance
Appendix I Linkage Procedures

Volume II

SECTION 8. PLANNING PARTNERSHIP 8-1
 8.1 BACKGROUND..... 8-1
 8.1.1 Initial Solicitation and Letters of Intent8-1
 8.1.2 Planning Partner Responsibilities8-2
 8.1.3 Jurisdictional Annexes8-2
SECTION 9. JURISDICTIONAL ANNEXES..... 9-1