

TABLE OF CONTENTS

**SECTION 1
INTRODUCTION AND OVERVIEW**

Planning Needs 1
 Matamoras-Westfall 2
 Gateway Community 2
 Planning Issues Overview 4
 Planning Process 4

**SECTION 2
COMMUNITY CONSERVATION AND DEVELOPMENT GOALS AND OBJECTIVES**

Need for Goals and Objectives 1
 Community Balance 1
 County Planning and Area Wide Planning 2
 A Guide and Policy Statement 2
 General Community Development Objectives 2
 Goal 1 - Quality Lifestyle 4
 Goal 2 - Natural Resources and Open Space 6
 Goal 3 - Historic Resources 9
 Goal 4 - Circulation System 10
 Goal 5 - Land Use 12
 Goal 6 - Housing 15
 Goal 7 - Community Facilities and Services 17
 Goal 8 - Recreation and Open Space Conservation 20

**SECTION 3
FINDINGS AND SUMMARY OF ACTIONS**

Demographics and Economic Base 1
 Planning and Development in Pike County, Contiguous Municipalities and the Region 3
 Land Use 4
 Natural Resources and Open Space 16
 Housing 24
 Community Facilities, Services and Utilities 28
 Transportation 35
 Historic Resources 40

**SECTION 4
PLANNING PROCESS AND INTERRELATIONSHIP OF PLAN ELEMENTS
AND IMPLEMENTATION STRATEGIES**

Framework for the Future 1
 Planning *Process* 1
 Conservation of Community Character 1
 Community Vision 2
 Community Involvement 2
 Community Partnerships 3
 Implementation Strategies 3

**SECTION 5
PLANNING AND DEVELOPMENT IN PIKE COUNTY,
CONTIGUOUS MUNICIPALITIES AND THE REGION**

Planning Code 1
 County Planning 1
 County Plan Mission 1
 Planning and Zoning in Contiguous Municipalities 2
 Matamoras-Westfall Border 4
 NJ and NY 5
 Contiguous Municipality Review 5
 Regional Planning 5

**SECTION 6
LAND USE PLAN**

Introduction
 Growth and Development 1
 Importance of Regional Location 1
 Need for Area Wide Planning 1
Land Use Goal and Objectives 2
Existing Conditions
 Land Use Overview 4
 Land Use Trends 4
 Existing Land Use 5
 Residential Land 5
 Commercial 6
 Institutional 6
 Open Land 7
 Katz Settlement Agreement 8
 Katz - Applicability of Comprehensive Plan and Ordinances 10
 Katz - ED Zone 10
 Katz - GC Zone 10
 Katz - Sewer and Water 11
Build-Out Analysis
 Overview 12
 Matamoras Borough 12
 Westfall Township 12
 Conventional v. Conservation 13
 Open Space Gain 14
Planning Implications
 Overview 14
 Potential for Development 16
 Existing Land Use and Environmental Controls 16
Future Planning Policies and Actions
 Overview 17
 Future Land Use 17
 Current Zoning Districts Affirmed 18
 Residential Neighborhoods 18
 Residential Policies and Actions 18
 Nonresidential Development 19
 Nonresidential Policies and Actions 19
 Forestry 20
 Forestry Policies 21
 Mineral Extraction 21

Mineral Extraction Policies 22

Environmental Protection 22

Local Authority for Regulation 22

Integrated Approach 23

Range of Standards 23

Open Land Preservation 23

Fiscal Benefits of Open Land Preservation 24

Innovative Zoning for Conservation 25

Conservation Subdivision Design 26

Conservation Design in Practice 28

Conservation Design Process 28

Regulate Density Instead of Lot Size 30

Conservation Design Policies and actions 31

Transferable Development Rights 32

Traditional Neighborhood Development 33

Considerations for Conservation Design, TDR and TND 33

Conservation Easements 34

Agricultural Land Preservation 34

Tax Incentives - Clean and Green 35

Specific Actions for Open Land Conservation 36

Key Implementation Strategies

Overview 36

Cooperative Zoning 36

Cooperative Zoning Actions 37

The Official Map 37

What Should be shown on the Official Map? 39

What Are the Benefits of the Official Map? 39

Official Map Actions 39

Specific Ordinance Changes

Each Zoning Ordinance 40

Matamoras Borough Zoning Ordinance 40

Westfall Township Zoning Ordinance 40

**SECTION 7
NATURAL RESOURCES PROTECTION PLAN**

Introduction

Overview 1

The Plan 1

Natural Resources Goal and Objectives 1

Existing Conditions

Overview 3

Physiography and Topography 3

Planning Implications: Steep Slopes 4

Geology and Hydrology 5

Glaciers in Pike County 6

Significant Glacial Deposits 7

Groundwater 8

Groundwater Recharge 8

Planning Area Recharge 9

Planning Implications: Need for Conservation 9

Nitrogen and Chloride Aquifer Study 10

Planning Implications: Groundwater Quality 11

Soils 12

Soils: Findings 13

Planning Implications: Soils 14

Forest and Vegetative Cover 14

Forest Pests 16

Planning Implications: Forest Lands 16

Wetlands 17

Wetland Regulation 18

Planning Implications: Wetlands 18

Watersheds and Surface Waters 19

Stream Classification 19

Water Quality Regulation 20

DRBC Regulation 20

Planning Implications: Watersheds and Surface Waters 21

Floodplain 21

Floodplain Regulation 22

Floodplain Maps 22

Planning Area Flood Zones 22

Planning Area Flooding 23

Planning Implications: Floodplain 23

Natural Areas 23

Statewide Significance 24

Planning Implications: Natural Areas 24

Future Planning Policies and Actions

Overview 25

Environmental Protection 25

Local Authority for Regulation 25

Integrated Approach 25

Topography and Geology 26

Improving Stormwater Management 27

Groundwater Conservation and Protection 29

Soils 31

Soil Erosion and Sedimentation Control 31

Forest and Vegetation 32

Wetlands 32

Watersheds and Surface Waters 33

Floodplain 33

Habitat and Natural Areas 34

Ridge Lines 34

Upper Delaware National and Scenic Recreational River 36

Upper Delaware Council 37

Delaware Water Gap National Recreation Area 37

Matamoras and the NPS 37

Dark Skies 38

Zoning Standards for Lighting and Glare 39

**SECTION 8
HOUSING**

Introduction 1

Housing Goal and Objectives 1

Housing Considerations

 Municipalities Planning Code Requirements 2

 Housing Affordability 3

 Affordability in a Growing Community 3

Existing Housing Conditions

 Overview 4

Housing Trends 4

Age of Housing 6

Housing Demand 7

Home Ownership 7

Housing Value 9

Housing Structural and Vacancy Characteristics 10

Housing Affordability in the Planning Area 12

Planning Implications

Affordability - A Regional Issue 13

Housing Stock 13

Housing Programs 13

Future Planning Policies and Actions

Overview 13

Policies and Actions 13

Implementation Strategies

Overview 14

Zoning Ordinances 14

SALDO 14

Additional Measures 15

**SECTION 9
COMMUNITY FACILITIES AND SERVICES**

Introduction

Overview 1

Local Providers 1

Cooperation 1

Community Facilities and Services Goal and Objectives 2

Existing Conditions and Actions

Overview 4

Survey Results 4

Municipal Facilities 5

Schools 6

Police, Fire and EMS 7

Hospitals 9

Emergency Management 10

Road Maintenance 10

Sidewalks, Streetscapes, and *Avenue in Bloom* 11

Shade Trees 12

Parking 12

Cultural Institutions 13

Library 13

Solid Waste Disposal 13

Water Supply 13

Wastewater Treatment 14

Matamoras Wastewater 14

Westfall Wastewater 15

Private Wastewater Facilities 15

Westfall Township Municipal Authority 15

Westfall On-Lot Disposal 16

Stormwater Management 16

PA Stormwater Management Act 16

Pike County Stormwater Plan 16

Local Stormwater Problems 17

Electricity Service 17

Telecommunications 17

Planning Implications

Summary 17

Growth Area 18

Water and Sewer 18

Sewage Planning 18

Cooperation 18

Future Planning Policies and Implications

Overview 18

Emergency Services 19

Communications and Utilities 19

Circulation 19

Groundwater 19

Stormwater 20

Wastewater 20

Other Facilities and Services 21

**SECTION 10
TRANSPORTATION**

Introduction

Transportation System 1

Land Use and Transportation 1

Circulation System Goal and Objectives 1

Existing Conditions and Actions

Overview 3

Planning Issues 3

Access - Mobility 3

Highway Classification Factors 4

Functional Classification 5

Expressway 5

Arterial Highway 5

Collector Road 7

Local Road 7

Roads in the Planning Area 8

Traffic Volume 8

Level-of-Service 8

Congested Corridor Improvement Program 9

Other Problem Areas 11

Planning Implications

Need for Regional Transportation Planning 12

Municipal Roads 12

State Roads 13

Bridges 13

Subdivision Roads 13

Bicycle Routes 14

Airports, Railroads and Public Transportation 14

Future Planning Policies and Actions

Overview 14

Local Roads 14

Local ordinances 15

Official map 15

Congested Corridor 15

State Roads 16

Bicycle Routes 16

Public Transportation 16

**SECTION 11
HISTORIC PRESERVATION**

Introduction 1

Historic Goal and Objectives 1

Existing Historic Resources

 Early Development 2

 Historic Resources 3

 National Register 3

 Register Eligibility 3

 Locally Significant 7

Planning Implications

 PA Historic District Act 7

 Historic Districts in the Planning Area 8

 PA Planning Code 8

Future Planning Policies

 Overview 8

 Policies 8

Implementation Strategies

 Overview 9

 Historical Society 9

 Site and Sign Design Guidelines 10

 Pennsylvania Avenue Revitalization 10

 Ordinances 11

 NPS Certified Program 11

**SECTION 12
DEMOGRAPHIC PROFILE**

Introduction 1

Population

 Population Trends 2

 Municipal Immigration 3

 Age Cohorts 4

 Seasonal Population 4

 Population Growth - Northeast Pennsylvania 5

 Population Projections 6

Socioeconomic Characteristics

 Age of Population 7

 Income 8

 Poverty Status 8

 Employment 9

 Place of Work 10

 Planning Implications 11

 Demographic Profiles 11

**SECTION 13
PENNSYLVANIA AVENUE REVITALIZATION PLAN**

Introduction

 Overview 1

Background 1

Revitalization Goal and Objectives 2

Existing Conditions 4

 Physical Assessment 4

 Assets 4

 Challenges 5

Current Revitalization Initiatives

 Matamoras Revitalization Committee 6

 Keystone Community Club 6

 Avenue in Bloom 6

Market Conditions

 Retail Trade Area 7

 Trade Area Demographics 8

 Business Inventory 12

 Retail Potential 13

Business Owners Survey

 Distribution 17

 Ownership 17

 Years in Business 17

 Disadvantages/Weaknesses 17

 Market Area 17

 Issues/Obstacles 17

 Critical Factors for Success 18

 Current Business Level 18

 Changes to Business 18

 Needed Information/Assistance 18

 Types of Businesses Needed to Improve Pennsylvania Avenue 18

 Improvement and Marketing Actions 19

 Interest in Participating 19

Planning Implications

 Physical Improvements 19

 Business Development 19

 Organization and Commitment 19

Future Planning Policies and Actions

 Funding 20

 Organization 20

 Physical Improvements 20

 Buildings 21

 Enforcement 21

 Pedestrians 21

 Infrastructure 22

 Parking 22

 Traffic 22

 Economic Development 23