Table of Contents

Chapter 1. Introduction

Study Area and Landscape Character Areas Study Area Core Development Landscape Character Area Big Spring Landscape Character Area Project Purpose and Need Project Objectives Methodology Park Purpose and Significance Management Scoping Process for this CLR/EA Issues and Impact Topics Impact Topics Selected for Analysis Impact Topics Dismissed from Further Consideration Chapter 2. Site History Introduction	1-5 1-5 1-7 1-8 1-9 1-9 1-12 1-13
Core Development Landscape Character Area Big Spring Landscape Character Area Project Purpose and Need Project Objectives Methodology Park Purpose and Significance Management Scoping Process for this CLR/EA Issues and Impact Topics Impact Topics Selected for Analysis Impact Topics Dismissed from Further Consideration Chapter 2. Site History Introduction	1-5 1-7 1-8 1-9 1-9 1-12 1-13
Big Spring Landscape Character Area Project Purpose and Need Project Objectives Methodology Park Purpose and Significance Management Scoping Process for this CLR/EA Issues and Impact Topics Impact Topics Selected for Analysis Impact Topics Dismissed from Further Consideration Chapter 2. Site History Introduction	1-5 1-7 1-8 1-9 1-9 1-12 1-13
Project Purpose and Need Project Objectives Methodology Park Purpose and Significance Management Scoping Process for this CLR/EA Issues and Impact Topics Impact Topics Selected for Analysis Impact Topics Dismissed from Further Consideration Chapter 2. Site History Introduction	1-7 1-8 1-9 1-12 1-13 1-13
Project Objectives Methodology Park Purpose and Significance Management Scoping Process for this CLR/EA Issues and Impact Topics Impact Topics Selected for Analysis Impact Topics Dismissed from Further Consideration Chapter 2. Site History Introduction	1-8 1-9 1-9 1-12 1-13 1-13
Methodology. Park Purpose and Significance. Management. Scoping Process for this CLR/EA. Issues and Impact Topics. Impact Topics Selected for Analysis. Impact Topics Dismissed from Further Consideration Chapter 2. Site History Introduction.	1-8 1-9 1-9 1-12 1-13
Park Purpose and Significance Management Scoping Process for this CLR/EA Issues and Impact Topics Impact Topics Selected for Analysis Impact Topics Dismissed from Further Consideration Chapter 2. Site History Introduction	1-9 1-9 1-12 1-13
Management Scoping Process for this CLR/EA. Issues and Impact Topics Impact Topics Selected for Analysis Impact Topics Dismissed from Further Consideration Chapter 2. Site History Introduction	1-9 1-12 1-13 1-13
Scoping Process for this CLR/EA	1-12 1-13 1-13
Issues and Impact Topics. Impact Topics Selected for Analysis. Impact Topics Dismissed from Further Consideration Chapter 2. Site History Introduction.	1-13 1-13
Impact Topics Selected for Analysis. Impact Topics Dismissed from Further Consideration Chapter 2. Site History Introduction.	1-13
Impact Topics Dismissed from Further Consideration Chapter 2. Site History Introduction	
Chapter 2. Site History Introduction	.1-14
Introduction	
	2-1
Historical Overview	2-1
Statement and Period of Significance	2-4
Periods of Landscape Development	2-5
12000 BCE to 1540 CE: American Indian Settlement	2-7
1541 to 1923: European Settlement and Development	.2-11
1924 to 1932: State Park Development	2-21
1933 to 1943: CCC and WPA Development	2-35
1970 to present: NPS Development and Stewardship.	

iii

Chapter 3. Existing Condition and Landscape Analysis

Introduction	3-1
Assessment of Integrity	3-2
Contributing and Non-Contributing Features.	
Study Area	3-3
Core Development Character Area	
Big Spring Landscape Character Area	
Study Area	3-7
Natural Systems	
Land Use	3-11
Spatial Organization / Topography / Views	3-13
Archeological Sites	3-17
Circulation	3-21
Constructed Waterways.	3-25
Buildings and Structures	3-33
Small Scale Features	3-37
Vegetation	3-41
Core Development Character Area	3-55
Introduction	3-55
Spatial Organization	3-55
Circulation	3-59
Vegetation	
Entrance Building / Museum / Dining Lodge	3-70
Cabins	3-90
Chubb Hollow	3-117
Maintenance Area	
Big Spring Landscape Character Area	3-135
Introduction	3-135
Natural Systems	3-135
Spatial Organization / Topography / Views	3-139
Constructed Waterways	
Circulation	3-143
Buildings and Structures	3-155
Small Scale Features	3-157
Vegetation	3-161
Affected Environment	
Cultural Resources – Cultural Landscapes and Archeological Sites	3-169
Wilderness	3-171
Visitor Use	3-176
Visual Resources	3-176

Chapter 4. Treatment Alternatives

Introduction	4-1
Treatment Approaches	4-1
Treatment Goals	4-2
Treatment Alternatives	4-7
No Action Alternative	4-7
Action Alternative	4-17
Chapter 5. Environmental Consequences	
Introduction	
General Methods	
Cumulative Impacts	
Methods for Assessing Cumulative Impacts	
Past, Present, and Reasonably Foreseeable Future Actions	
Cultural Resources – Cultural Landscapes and Archeological Sites	
Methodology	5-3
No Action Alternative	5-3
Action Alternative	5-4
Vegetation	5-6
Methodology	5-6
No Action Alternative	5-6
Action Alternative	5-7
Visitor Use and Experience	5-9
Methodology	5-9
No Action Alternative	5- ⁹
Action Alternative	
Visual Resources	5-11
Methodology	
No Action Alternative	
Action Alternative	
Wilderness	
Methodology	
No Action Alternative	
Action Alternative	E 13
Minimum Requirement/Minimum Tool Analysis.	5-13
, , , , , , , , , , , , , , , , , , , ,	
Chapter 6. Treatment Plan and Implementation	
Overview	
Treatment Approach	
Treatment Terminology	
Study Area Treatment Recommendations	
Core Development Area	
Big Spring	
Implementation	6-49

Appendix A - Bibliography

Matrix 6-13.

Appendices

Appendix B - Cost Estimate Appendix C - FMSS Crosswalk Tables Appendix D - Memo for CLI Update **List of Illustrations** 1924 to 1932: State Park Development.......2-33 Illustration 2-1. 1933 to 1943: CCC and WPA Development______2-113 Illustration 2-2. Illustration 2-3. Illustration 3-1. Existing Condition - Core Development Area ______3-133 Illustration 3-2. No Action Alternative - Core Development Area.....4-11 Illustration 4-3. No Action Alternative - Museum, Dining Lodge and Cabin 4-13 Illustration 4-4. Illustration 4-5. No Action Alternative - Big Spring Character Area......4-15 Treatment Alternative 1 - Core Development Area......4-21 Illustration 4-6. Illustration 4-7. Treatment Alternative 1 - Big Spring Character Area 4-25 Illustration 4-8. Treatment - Entrance 6-15 Illustration 6-1. Illustration 6-2. Treatment Alternative 1 - Core Development Area 6-19 Treatment - Museum and Dining Lodge 6-23 Illustration 6-3. Illustration 6-4. Treatment - Dining Lodge ______6-25 Treatment Alternative 1 - Museum, Dining Lodge and Cabin......................6-27 Illustration 6-5. Treatment - Cabins West 6-35 Illustration 6-6. Illustration 6-7. Treatment - Cabins East______6-37 Illustration 6-8. Treatment Alternative 1 - Big Spring Character Area 6-45 **List of Matrices** Matrix 3-1. Study Area Matrix - Archeological Sites _______3-43 Study Area Matrix - Circulation______3-46 Matrix 3-2. Matrix 3-3. Study Area Matrix - Small Scale Features......3-52 Matrix 3-4. Study Area Matrix - Vegetation______3-53 Matrix 3-5. Matrix 3-6. Core Development Area Matrix - Entrance Building/Museum/Dining Lodge......3-74 Matrix 3-7. Core Development Area Matrix - Cabins _______3-92 Matrix 3-8. Matrix 3-9. Big Spring Character Area ________3-162 Matrix 3-10. Matrix 4-11. Treatment Alternatives Matrix 4-3 Treatment Alternatives Matrix - Trails 4-6 Matrix 4-12.

Implementation Guidance for Treatment Recommendations. 6-49

Acknowledgments

National Park Service

Big Spring Historic District
Ozark National Scenic Riverways
Larry Johnson, Park Superintendent
Eric Daniels, Chief of Resource Management
Tricia Miller, Museum Technician
Allison Young, Park Archeologist

<u>Midwest Regional Office</u> Marla McEnaney, Historical Landscape Architect

Historical Landscape Architect Prime Consultant

Mundus Bishop
Tina Bishop, Principal
Pat Mundus, Historical Landscape Architect
Shelby Scharen, Project Planner
Becky Froeter-Mathis, Landscape Designer
Madalyn Shalkey, Graphics

Sub Consultant

ERO Resources
Nicole Bauman, NEPA Specialist
Kathy Croll, Senior Archaeologist
Moneka Worah, Natural Resource Specialist



Page left intentionally blank.