

TABLE OF CONTENTS

	Page
1.0 INTRODUCTION.....	1-1
1.1 Introduction.....	1-1
2.0 METHODOLOGY AND COORDINATION.....	2-1
2.1 Historic Resources	2-1
2.1.1 Regulatory Framework	2-1
2.1.2 Identifying the Area of Potential Effect – Historic Resources	2-3
2.1.3 Data Collection	2-4
2.1.4 Agency Consultation and Coordination	2-4
2.2 Archaeological Resources.....	2-4
2.2.1 Regulatory Framework	2-21
2.2.2 Identifying the Area of Potential Effect (APE) – Archaeology	2-21
2.2.3 Data Collection	2-21
2.2.4 Agency Consultation and Coordination	2-22
3.0 EXISTING CONDITIONS.....	3-1
3.1 Overview of Project Study Area	3-1
3.1.1 Historic Resources.....	3-1
3.1.2 Archaeological Resources.....	3-1
3.2 VT 2A Corridor	3-2
3.2.1 Historic Resources.....	3-2
3.2.2 Archaeological Resources.....	3-26
3.3 Circ A/B Corridor	3-28
3.3.1 Historic Resources.....	3-28
3.3.2 Exempt Resource: Interstate 89	3-33
3.3.3 Archaeological Resources.....	3-34
4.0 IMPACTS AND MITIGATION	4-1
4.1 Introduction.....	4-1
4.2 No Build Alternative	4-1
4.3 VT 2A Alternatives.....	4-2
4.3.1 Alternative 2 – Four-Lane VT 2A with Signalized Intersection Improvements.....	4-2
4.3.2 Alternative 3 – Four-Lane VT 2A with Roundabouts	4-9
4.3.3 Alternative 22 – Tapered Widening on VT 2A with Signalized and Roundabout Intersections.....	4-17
4.4 Circ A/B Alternatives	4-24
4.4.1 Alternative 16(a,b,c) – Circ A/B Limited Access Highway with VT 2A Spot Improvements.....	4-24
4.4.2 Alternative 17 – Circ A/B Boulevard with VT 2A Spot Improvements...	4-26
4.5 Hybrid Alternatives (VT 2A Improvements plus Circ Street).....	4-27
4.5.1 Alternative 18 – Four-Lane VT 2A with Signalized Intersection Improvements Plus Circ Street.....	4-27
4.5.2 Alternative 19 – Four-Lane VT 2A with Roundabouts Plus Circ Street.....	4-36
4.5.3 Alternative 23 – Tapered Widening on VT 2A with Signalized and Roundabout Intersections Plus Circ Street.....	4-43

TABLE OF CONTENTS (Cont.)

	Page
4.6 Summary of Impacts and Mitigation	4-50
4.6.1 VT 2A Alternatives	4-50
4.6.2 Circ A/B Alternatives	4-52
4.6.3 Hybrid Alternatives	4-53
4.6.4 Mitigation	4-55
5.0 REFERENCES.....	5-1

APPENDICES

Appendix A	Section 106 and Related Correspondence
Appendix B	End of Field Letter for Archaeological Phase 1B Site Identification Survey for the Circ-Williston VT 2A Alternative Located in Williston and Essex Junction, Chittenden County, Vermont
Appendix C	Historic Boundary Survey Forms
Appendix D	Photographs of Surveyed Architectural Resources