

Wayland, Joshua

From: Keller, Kevin <Kevin.Keller@hdrinc.com>
Sent: Wednesday, October 30, 2019 6:15 PM
To: Wayland, Joshua
Cc: Nichols, Karen; Magiera, Doree; Dobbs, Catherine; mmckee@7county.utah.gov; Floyd, Kathryn K.; 10145616_7CountyCoalitionUBR TO1; Brian Barton; Andreasen, Jennifer; Clayton, Andrea
Subject: UBRY - draft TOCs for all cultural resources reports
Attachments: Proposed UBRY Cultural Resources Tech Memo TOC.DOCX; UBRY Utah Architecture TOC.DOCX; UBRY Utah Archaeology TOC.DOCX

Josh,

This email includes draft TOCs for the following Tech memos:

1. CR tech memo
 - Support drafting affected environment and environmental consequences sections of the EIS
 - I sent this one yesterday, resending so you have all three in one email. Note the email forwarded yesterday raised questions from SWCA that should be sorted with STB/ICF:
 - SWCA will visual and noise information to assess indirect effects under Section 106 (at least make sure the CR report is consistent with visual and noise sections). Possibly air quality as well.
 - Memo has not been started yet, so TOC is best guess
2. Architecture survey report
 - Follows standard USHPO format
 - Report is fairly well along, but SWCA will probably move maps to appendices (report will be closer to 100 pages rather than 350)
3. Archaeology survey report
 - Follows standard USHPO format
 - Will be reporting on ~30 sites

Let us know if you need anything on these.

Kevin

Kevin Keller, PG
 Vice President/Senior Professional Associate

HDR
 10450 Holmes Road, Suite 600
 Kansas City, MO 64131-3471
 D 816.347.1183 M 913.638.2571
kevin.keller@hdrinc.com

hdrinc.com/follow-us

CONTENTS

1	Introduction	Error! Bookmark not defined.
1.1	Regulatory Framework	Error! Bookmark not defined.
2	Affected Environment.....	Error! Bookmark not defined.
2.1	Introduction	Error! Bookmark not defined.
2.1.1	Analysis Area and Methodology	Error! Bookmark not defined.
2.1.2	Analysis Area Characteristics	Error! Bookmark not defined.
2.2	Cultural Resources in the Analysis Area	Error! Bookmark not defined.
2.2.1	Archaeological Resources.....	Error! Bookmark not defined.
2.2.2	Historic Architectural Resources	Error! Bookmark not defined.
3	Environmental Consequences	Error! Bookmark not defined.
3.1	Introduction	Error! Bookmark not defined.
3.1.1	Impact Indicators and Thresholds.....	Error! Bookmark not defined.
3.1.2	Analysis Assumptions.....	Error! Bookmark not defined.
3.2	Effects to Cultural Resources under Each Alternative	Error! Bookmark not defined.
3.2.1	District and Landscape-Level Considerations Under All Alternatives...	Error! Bookmark not defined.
3.2.2	No Action Alternative.....	Error! Bookmark not defined.
3.2.3	Indian Canyon Route Alternative	Error! Bookmark not defined.
3.2.4	Whitmore Park Route Alternative	Error! Bookmark not defined.
3.2.5	Wells Draw Route Alternative.....	Error! Bookmark not defined.
3.3	Potential Mitigation Measures	Error! Bookmark not defined.
3.4	Unavoidable Adverse Impacts	Error! Bookmark not defined.
3.5	Short-Term Uses Versus Long-Term Productivity.....	Error! Bookmark not defined.
3.6	Irreversible and Irretrievable Commitments of Resources	Error! Bookmark not defined.

Figures

Figure 1.	Analysis area established for impacts to cultural resources.	Error! Bookmark not defined.
-----------	---	-------------------------------------

Tables

Table 1.	Summary of Archaeological Resources in the Analysis Area.	Error! Bookmark not defined.
Table 2.	Summary of Historic Architectural Resources in the Analysis Area.....	Error! Bookmark not defined.
Table 3.	Archaeological Resources under the Indian Canyon Route Alternative.....	Error! Bookmark not defined.
Table 4.	Historic Architectural Resources under the Indian Canyon Route Alternative ..	Error! Bookmark not defined.
Table 5.	Archaeological Resources under the Whitmore Park Route Alternative.....	Error! Bookmark not defined.
Table 6.	Historic Architectural Resources under the Whitmore Park Route Alternative .	Error! Bookmark not defined.

Table 7. Archaeological Resources under the Wells Draw Route Alternative **Error! Bookmark not defined.**

Table 8. Historic Architectural Resources under the Wells Draw Route Alternative **Error! Bookmark not defined.**

CONTENTS

Abstract	Error! Bookmark not defined.
Introduction	Error! Bookmark not defined.
Survey Objective	Error! Bookmark not defined.
Survey Area Boundaries.....	Error! Bookmark not defined.
Indian Canyon Route Alternative	Error! Bookmark not defined.
Whitmore Park Route Alternative	Error! Bookmark not defined.
Wells Draw Route Alternative.....	Error! Bookmark not defined.
Craig Route Alternative (Discontinued)	Error! Bookmark not defined.
Survey Methodology	Error! Bookmark not defined.
Outline History	Error! Bookmark not defined.
Exploration and Early History, 1776-ca. 1850.....	Error! Bookmark not defined.
Early Euro-American Settlement, Reservation Establishment, and Resource Development, ca. 1850-1904.....	Error! Bookmark not defined.
Permanent Settlement, Growth, and Development, 1905-1948	Error! Bookmark not defined.
Farming, Ranching, and Resource Extraction, 1949-present	Error! Bookmark not defined.
Survey Results	Error! Bookmark not defined.
District and Landscape Level Considerations.....	Error! Bookmark not defined.
Indian Canyon Route Alternative.....	Error! Bookmark not defined.
Whitmore Park Route Alternative	Error! Bookmark not defined.
Wells Draw Route Alternative	Error! Bookmark not defined.
Craig Route Alternative (Discontinued).....	Error! Bookmark not defined.
References Cited	Error! Bookmark not defined.

Appendices

Appendix A. Reconnaissance Level Survey Forms

Figures

Figure 1. Survey overview map.	Error! Bookmark not defined.
Figure 2. Detailed project location maps for Indian Canyon Route Alternative (USGS quadrangle maps) (Map 1 of 31).	Error! Bookmark not defined.
Figure 3. Detailed project location maps for Indian Canyon Route Alternative (USGS quadrangle maps) (Map 2 of 31).	Error! Bookmark not defined.
Figure 4. Detailed project location maps for Indian Canyon Route Alternative (USGS quadrangle maps) (Map 3 of 31).	Error! Bookmark not defined.
Figure 5. Detailed project location maps for Indian Canyon Route Alternative (USGS quadrangle maps) (Map 4 of 31).	Error! Bookmark not defined.
Figure 6. Detailed project location maps for Indian Canyon Route Alternative (USGS quadrangle maps) (Map 5 of 31).	Error! Bookmark not defined.
Figure 7. Detailed project location maps for Indian Canyon Route Alternative (USGS quadrangle maps) (Map 6 of 31).	Error! Bookmark not defined.

[illegible]

[illegible]

[illegible]

[illegible]

Figure 104. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 8 of 26).**Error! Bookmark not defined.**

Figure 105. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 9 of 26).**Error! Bookmark not defined.**

Figure 106. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 10 of 26).**Error! Bookmark not defined.**

Figure 107. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 11 of 26).**Error! Bookmark not defined.**

Figure 108. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 12 of 26).**Error! Bookmark not defined.**

Figure 109. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 13 of 26).**Error! Bookmark not defined.**

Figure 110. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 14 of 26).**Error! Bookmark not defined.**

Figure 111. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 15 of 26).**Error! Bookmark not defined.**

Figure 112. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 16 of 26).**Error! Bookmark not defined.**

Figure 113. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 17 of 26).**Error! Bookmark not defined.**

Figure 114. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 18 of 26).**Error! Bookmark not defined.**

Figure 115. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 19 of 26).**Error! Bookmark not defined.**

Figure 116. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 20 of 26).**Error! Bookmark not defined.**

Figure 117. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 21 of 26).**Error! Bookmark not defined.**

Figure 118. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 22 of 26).**Error! Bookmark not defined.**

Figure 119. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 23 of 26).**Error! Bookmark not defined.**

Figure 120. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 24 of 26).**Error! Bookmark not defined.**

Figure 121. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 25 of 26).**Error! Bookmark not defined.**

Figure 122. Detailed project location maps for Craig Route Alternative (USGS quadrangle maps)
(Map 26 of 26).**Error! Bookmark not defined.**

Figure 123. Detailed results map for Indian Canyon Route Alternative (Map 1 of 31). ..**Error! Bookmark not defined.**

Figure 124. Detailed results map for Indian Canyon Route Alternative (Map 2 of 31). ..**Error! Bookmark not defined.**

Figure 125. Detailed results map for Indian Canyon Route Alternative (Map 3 of 31). ..**Error! Bookmark not defined.**

Figure 126. Detailed results map for Indian Canyon Route Alternative (Map 4 of 31). ..**Error! Bookmark not defined.**

Figure 127. Detailed results map for Indian Canyon Route Alternative (Map 5 of 31). ..**Error! Bookmark not defined.**

Figure 128. Detailed results map for Indian Canyon Route Alternative (Map 6 of 31). **..Error! Bookmark not defined.**

Figure 129. Detailed results map for Indian Canyon Route Alternative (Map 7 of 31). **..Error! Bookmark not defined.**

Figure 130. Detailed results map for Indian Canyon Route Alternative (Map 8 of 31). **..Error! Bookmark not defined.**

Figure 131. Detailed results map for Indian Canyon Route Alternative (Map 9 of 31). **..Error! Bookmark not defined.**

Figure 132. Detailed results map for Indian Canyon Route Alternative (Map 10 of 31). **Error! Bookmark not defined.**

Figure 133. Detailed results map for Indian Canyon Route Alternative (Map 11 of 31). **Error! Bookmark not defined.**

Figure 134. Detailed results map for Indian Canyon Route Alternative (Map 12 of 31). **Error! Bookmark not defined.**

Figure 135. Detailed results map for Indian Canyon Route Alternative (Map 13 of 31). **Error! Bookmark not defined.**

Figure 136. Detailed results map for Indian Canyon Route Alternative (Map 14 of 31). **Error! Bookmark not defined.**

Figure 137. Detailed results map for Indian Canyon Route Alternative (Map 15 of 31). **Error! Bookmark not defined.**

Figure 138. Detailed results map for Indian Canyon Route Alternative (Map 16 of 31). **Error! Bookmark not defined.**

Figure 139. Detailed results map for Indian Canyon Route Alternative (Map 17 of 31). **Error! Bookmark not defined.**

Figure 140. Detailed results map for Indian Canyon Route Alternative (Map 18 of 31). **Error! Bookmark not defined.**

Figure 141. Detailed results map for Indian Canyon Route Alternative (Map 19 of 31). **Error! Bookmark not defined.**

Figure 142. Detailed results map for Indian Canyon Route Alternative (Map 20 of 31). **Error! Bookmark not defined.**

Figure 143. Detailed results map for Indian Canyon Route Alternative (Map 21 of 31). **Error! Bookmark not defined.**

Figure 144. Detailed results map for Indian Canyon Route Alternative (Map 22 of 31). **Error! Bookmark not defined.**

Figure 145. Detailed results map for Indian Canyon Route Alternative (Map 23 of 31). **Error! Bookmark not defined.**

Figure 146. Detailed results map for Indian Canyon Route Alternative (Map 24 of 31). **Error! Bookmark not defined.**

Figure 147. Detailed results map for Indian Canyon Route Alternative (Map 25 of 31). **Error! Bookmark not defined.**

Figure 148. Detailed results map for Indian Canyon Route Alternative (Map 26 of 31). **Error! Bookmark not defined.**

Figure 149. Detailed results map for Indian Canyon Route Alternative (Map 27 of 31). **Error! Bookmark not defined.**

Figure 150. Detailed results map for Indian Canyon Route Alternative (Map 28 of 31). **Error! Bookmark not defined.**

Figure 151. Detailed results map for Indian Canyon Route Alternative (Map 29 of 31). **Error! Bookmark not defined.**

Figure 152. Detailed results map for Indian Canyon Route Alternative (Map 30 of 31). **Error! Bookmark not defined.**

Figure 153. Detailed results map for Indian Canyon Route Alternative (Map 31 of 31). **Error! Bookmark not defined.**

Figure 154. Detailed results map for Whitmore Park Route Alternative (Map 1 of 33)...**Error! Bookmark not defined.**

Figure 155. Detailed results map for Whitmore Park Route Alternative (Map 2 of 33)...**Error! Bookmark not defined.**

Figure 156. Detailed results map for Whitmore Park Route Alternative (Map 3 of 33)...**Error! Bookmark not defined.**

Figure 157. Detailed results map for Whitmore Park Route Alternative (Map 4 of 33)...**Error! Bookmark not defined.**

Figure 158. Detailed results map for Whitmore Park Route Alternative (Map 5 of 33)...**Error! Bookmark not defined.**

Figure 159. Detailed results map for Whitmore Park Route Alternative (Map 6 of 33)...**Error! Bookmark not defined.**

Figure 160. Detailed results map for Whitmore Park Route Alternative (Map 7 of 33)...**Error! Bookmark not defined.**

Figure 161. Detailed results map for Whitmore Park Route Alternative (Map 8 of 33)...**Error! Bookmark not defined.**

Figure 162. Detailed results map for Whitmore Park Route Alternative (Map 9 of 33)...**Error! Bookmark not defined.**

Figure 163. Detailed results map for Whitmore Park Route Alternative (Map 10 of 33).**Error! Bookmark not defined.**

Figure 164. Detailed results map for Whitmore Park Route Alternative (Map 11 of 33).**Error! Bookmark not defined.**

Figure 165. Detailed results map for Whitmore Park Route Alternative (Map 12 of 33).**Error! Bookmark not defined.**

Figure 166. Detailed results map for Whitmore Park Route Alternative (Map 13 of 33).**Error! Bookmark not defined.**

Figure 167. Detailed results map for Whitmore Park Route Alternative (Map 14 of 33).**Error! Bookmark not defined.**

Figure 168. Detailed results map for Whitmore Park Route Alternative (Map 15 of 33).**Error! Bookmark not defined.**

Figure 169. Detailed results map for Whitmore Park Route Alternative (Map 16 of 33).**Error! Bookmark not defined.**

Figure 170. Detailed results map for Whitmore Park Route Alternative (Map 17 of 33).**Error! Bookmark not defined.**

Figure 171. Detailed results map for Whitmore Park Route Alternative (Map 18 of 33).**Error! Bookmark not defined.**

Figure 172. Detailed results map for Whitmore Park Route Alternative (Map 19 of 33).**Error! Bookmark not defined.**

Figure 173. Detailed results map for Whitmore Park Route Alternative (Map 20 of 33).**Error! Bookmark not defined.**

Figure 174. Detailed results map for Whitmore Park Route Alternative (Map 21 of 33).**Error! Bookmark not defined.**

Figure 175. Detailed results map for Whitmore Park Route Alternative (Map 22 of 33).**Error! Bookmark not defined.**

Figure 176. Detailed results map for Whitmore Park Route Alternative (Map 23 of 33).**Error! Bookmark not defined.**

Figure 177. Detailed results map for Whitmore Park Route Alternative (Map 24 of 33).**Error! Bookmark not defined.**

Figure 178. Detailed results map for Whitmore Park Route Alternative (Map 25 of 33).**Error! Bookmark not defined.**

Figure 179. Detailed results map for Whitmore Park Route Alternative (Map 26 of 33).**Error! Bookmark not defined.**

Figure 180. Detailed results map for Whitmore Park Route Alternative (Map 27 of 33).**Error! Bookmark not defined.**

Figure 181. Detailed results map for Whitmore Park Route Alternative (Map 28 of 33).**Error! Bookmark not defined.**

Figure 182. Detailed results map for Whitmore Park Route Alternative (Map 29 of 33).**Error! Bookmark not defined.**

Figure 183. Detailed results map for Whitmore Park Route Alternative (Map 30 of 33).**Error! Bookmark not defined.**

Figure 184. Detailed results map for Whitmore Park Route Alternative (Map 31 of 33).**Error! Bookmark not defined.**

Figure 185. Detailed results map for Whitmore Park Route Alternative (Map 32 of 33).**Error! Bookmark not defined.**

Figure 186. Detailed results map for Whitmore Park Route Alternative (Map 33 of 33).**Error! Bookmark not defined.**

Figure 187. Detailed results map for Wells Draw Route Alternative (Map 1 of 31). **Error! Bookmark not defined.**

Figure 188. Detailed results map for Wells Draw Route Alternative (Map 2 of 31). **Error! Bookmark not defined.**

Figure 189. Detailed results map for Wells Draw Route Alternative (Map 3 of 31). **Error! Bookmark not defined.**

Figure 190. Detailed results map for Wells Draw Route Alternative (Map 4 of 31). **Error! Bookmark not defined.**

Figure 191. Detailed results map for Wells Draw Route Alternative (Map 5 of 31). **Error! Bookmark not defined.**

Figure 192. Detailed results map for Wells Draw Route Alternative (Map 6 of 31). **Error! Bookmark not defined.**

Figure 193. Detailed results map for Wells Draw Route Alternative (Map 7 of 31). **Error! Bookmark not defined.**

Figure 194. Detailed results map for Wells Draw Route Alternative (Map 8 of 31). **Error! Bookmark not defined.**

Figure 195. Detailed results map for Wells Draw Route Alternative (Map 9 of 31). **Error! Bookmark not defined.**

Figure 196. Detailed results map for Wells Draw Route Alternative (Map 10 of 31).**.....Error! Bookmark not defined.**

Figure 197. Detailed results map for Wells Draw Route Alternative (Map 11 of 31).**.....Error! Bookmark not defined.**

Figure 198. Detailed results map for Wells Draw Route Alternative (Map 12 of 31).**.....Error! Bookmark not defined.**

Figure 199. Detailed results map for Wells Draw Route Alternative (Map 13 of 31).**.....Error! Bookmark not defined.**

Figure 200. Detailed results map for Wells Draw Route Alternative (Map 14 of 31).....**Error! Bookmark not defined.**

Figure 201. Detailed results map for Wells Draw Route Alternative (Map 15 of 31).....**Error! Bookmark not defined.**

Figure 202. Detailed results map for Wells Draw Route Alternative (Map 16 of 31).....**Error! Bookmark not defined.**

Figure 203. Detailed results map for Wells Draw Route Alternative (Map 17 of 31).....**Error! Bookmark not defined.**

Figure 204. Detailed results map for Wells Draw Route Alternative (Map 18 of 31).....**Error! Bookmark not defined.**

Figure 205. Detailed results map for Wells Draw Route Alternative (Map 19 of 31).....**Error! Bookmark not defined.**

Figure 206. Detailed results map for Wells Draw Route Alternative (Map 20 of 31).....**Error! Bookmark not defined.**

Figure 207. Detailed results map for Wells Draw Route Alternative (Map 21 of 31).....**Error! Bookmark not defined.**

Figure 208. Detailed results map for Wells Draw Route Alternative (Map 22 of 31).....**Error! Bookmark not defined.**

Figure 209. Detailed results map for Wells Draw Route Alternative (Map 23 of 31).....**Error! Bookmark not defined.**

Figure 210. Detailed results map for Wells Draw Route Alternative (Map 24 of 31).....**Error! Bookmark not defined.**

Figure 211. Detailed results map for Wells Draw Route Alternative (Map 25 of 31).....**Error! Bookmark not defined.**

Figure 212. Detailed results map for Wells Draw Route Alternative (Map 26 of 31).....**Error! Bookmark not defined.**

Figure 213. Detailed results map for Wells Draw Route Alternative (Map 27 of 31).....**Error! Bookmark not defined.**

Figure 214. Detailed results map for Wells Draw Route Alternative (Map 28 of 31).....**Error! Bookmark not defined.**

Figure 215. Detailed results map for Wells Draw Route Alternative (Map 29 of 31).....**Error! Bookmark not defined.**

Figure 216. Detailed results map for Wells Draw Route Alternative (Map 30 of 31).....**Error! Bookmark not defined.**

Figure 217. Detailed results map for Wells Draw Route Alternative (Map 31 of 31).....**Error! Bookmark not defined.**

Figure 218. Detailed results map for Craig Route Alternative (Map 1 of 26). **Error! Bookmark not defined.**

Figure 219. Detailed results map for Craig Route Alternative (Map 2 of 26). **Error! Bookmark not defined.**

Figure 220. Detailed results map for Craig Route Alternative (Map 3 of 26). **Error! Bookmark not defined.**

Figure 221. Detailed results map for Craig Route Alternative (Map 4 of 26). **Error! Bookmark not defined.**

Figure 222. Detailed results map for Craig Route Alternative (Map 5 of 26). **Error! Bookmark not defined.**

Figure 223. Detailed results map for Craig Route Alternative (Map 6 of 26). **Error! Bookmark not defined.**

Figure 224. Detailed results map for Craig Route Alternative (Map 7 of 26). **Error! Bookmark not defined.**

Figure 225. Detailed results map for Craig Route Alternative (Map 8 of 26). **Error! Bookmark not defined.**

Figure 226. Detailed results map for Craig Route Alternative (Map 9 of 26). **Error! Bookmark not defined.**

Figure 227. Detailed results map for Craig Route Alternative (Map 10 of 26). **Error! Bookmark not defined.**

Figure 228. Detailed results map for Craig Route Alternative (Map 11 of 26). **Error! Bookmark not defined.**

Figure 229. Detailed results map for Craig Route Alternative (Map 12 of 26). **Error! Bookmark not defined.**

Figure 230. Detailed results map for Craig Route Alternative (Map 13 of 26). **Error! Bookmark not defined.**

Figure 231. Detailed results map for Craig Route Alternative (Map 14 of 26). **Error! Bookmark not defined.**

Figure 232. Detailed results map for Craig Route Alternative (Map 15 of 26). **Error! Bookmark not defined.**

Figure 233. Detailed results map for Craig Route Alternative (Map 16 of 26). **Error! Bookmark not defined.**

Figure 234. Detailed results map for Craig Route Alternative (Map 17 of 26). **Error! Bookmark not defined.**

Figure 235. Detailed results map for Craig Route Alternative (Map 18 of 26). **Error! Bookmark not defined.**

Figure 236. Detailed results map for Craig Route Alternative (Map 19 of 26). **Error! Bookmark not defined.**

Figure 237. Detailed results map for Craig Route Alternative (Map 20 of 26). **Error! Bookmark not defined.**

Figure 238. Detailed results map for Craig Route Alternative (Map 21 of 26). **Error! Bookmark not defined.**

Figure 239. Detailed results map for Craig Route Alternative (Map 22 of 26). **Error! Bookmark not defined.**

Figure 240. Detailed results map for Craig Route Alternative (Map 23 of 26). **Error! Bookmark not defined.**

Figure 241. Detailed results map for Craig Route Alternative (Map 24 of 26). **Error! Bookmark not defined.**

Figure 242. Detailed results map for Craig Route Alternative (Map 25 of 26). **Error! Bookmark not defined.**

Figure 243. Detailed results map for Craig Route Alternative (Map 26 of 26). **Error! Bookmark not defined.**

Tables

Table 1. Summarized Comparison of the Route Alternatives.....**Error! Bookmark not defined.**

Table 2. U.S. Geological Survey 7.5-Minute Quadrangle Maps Encompassing the Survey Area **Error! Bookmark not defined.**

Table 3. U.S. Geological Survey 7.5-Minute Quadrangle Maps Encompassing the Indian Canyon Route Alternative	Error! Bookmark not defined.
Table 4. U.S. Geological Survey 7.5-Minute Quadrangle Maps Encompassing the Whitmore Park Route Alternative	Error! Bookmark not defined.
Table 5. U.S. Geological Survey 7.5-Minute Quadrangle Maps Encompassing the Wells Draw Route Alternative	Error! Bookmark not defined.
Table 6. U.S. Geological Survey 7.5-Minute Quadrangle Maps Encompassing the Craig Route Alternative (Discontinued).....	Error! Bookmark not defined.
Table 7. Buildings and Structures of Historic Age in the Survey Area (constructed before 1976)	Error! Bookmark not defined.
Table 8. Summary of Architectural Resources of Historic Age in the Survey Area .	Error! Bookmark not defined.
Table 9. Previously Documented Historic Architectural Resources in the Survey Area and Summary of Eligibility	Error! Bookmark not defined.
Table 10. Summary of Architectural Resources of Historic Age in the Indian Canyon Route Alternative	Error! Bookmark not defined.
Table 11. Breakdown of Single Residences by Type, 1905–1948	Error! Bookmark not defined.
Table 12. Breakdown of Single Residences by Style, 1905–1948	Error! Bookmark not defined.
Table 13. Breakdown of Single Residences by Type, 1948–Present.....	Error! Bookmark not defined.
Table 14. Breakdown of Single Residences by Style, 1948–Present.....	Error! Bookmark not defined.
Table 15. Summary of Architectural Resources of Historic Age in the Whitmore Park Route Alternative	Error! Bookmark not defined.
Table 16. Breakdown of Single Residences by Type, 1905–1948	Error! Bookmark not defined.
Table 17. Breakdown of Single Residences by Style, 1905–1948	Error! Bookmark not defined.
Table 18. Breakdown of Single Residences by Type, 1948–present.....	Error! Bookmark not defined.
Table 19. Breakdown of Single Residences by Style, 1948–present.....	Error! Bookmark not defined.
Table 20. Summary of Architectural Resources of Historic Age in the Wells Draw Route Alternative	Error! Bookmark not defined.
Table 21. Breakdown of Single Residences by Type, 1905–1948	Error! Bookmark not defined.
Table 22. Breakdown of Single Residences by Style, 1905–1948	Error! Bookmark not defined.
Table 23. Breakdown of Single Residences by Type, 1948–present.....	Error! Bookmark not defined.
Table 24. Breakdown of Single Residences by Style, 1948–present.....	Error! Bookmark not defined.
Table 25. Summary of Architectural Resources of Historic Age in the Indian Canyon Route Alternative	Error! Bookmark not defined.
Table 26. Breakdown of Single Residences by Type, 1905–1948	Error! Bookmark not defined.
Table 27. Breakdown of Single Residences by Style, 1905–1948	Error! Bookmark not defined.
Table 28. Breakdown of Single Residences by Type, 1948–present.....	Error! Bookmark not defined.
Table 29. Breakdown of Single Residences by Style, 1948–present.....	Error! Bookmark not defined.

Table A-1. Number of Recorded Properties by Route Alternative

Route Alternative	Number of Recorded Properties	Number Recommended Eligible/Significant (ES)	Number Recommended Eligible/Contributing (EC)	Number Recommended Not Eligible/Non- Contributing (NC)	Undetermined
Indian Canyon	46	4	11	27	4
Whitmore Park	56	5	14	33	4
Wells Draw	51	1	10	35	5
Craig (Discontinued)	49	1	9	35	4

Historic architectural resources in the survey area range in construction date from ca. 1890 to ca. 1975

CONTENTS

Abstract.....	Error! Bookmark not defined.
1 Introduction	Error! Bookmark not defined.
1.1 Survey Area	Error! Bookmark not defined.
2 Environment	Error! Bookmark not defined.
3 Cultural Context.....	Error! Bookmark not defined.
3.1.1 PREHISTORIC CONTEXT	Error! Bookmark not defined.
3.1.2 PALEOARCHAIC PERIOD (ca. 10,000–6000 B.C.).....	Error! Bookmark not defined.
3.1.3 ARCHAIC PERIOD (6000 B.C.–A.D. 550)	Error! Bookmark not defined.
3.1.4 Formative Period (A.D. 550–1300)	Error! Bookmark not defined.
3.1.5 Late Prehistoric/Protohistoric Period (A.D. 1300–1800)...	Error! Bookmark not defined.
4 Background Research	Error! Bookmark not defined.
5 Methods	Error! Bookmark not defined.
6 Inventory Results and Evaluations	Error! Bookmark not defined.
6.1 Isolated Features	Error! Bookmark not defined.
6.2 Sites	Error! Bookmark not defined.
7 Management Summary.....	Error! Bookmark not defined.
8 References Cited	Error! Bookmark not defined.

Appendices

Appendix A. File Search Results Map
Appendix B. Previously Conducted Cultural Resources Projects within 0.5 Mile of the Survey Area
Appendix C. Survey Results Map
Appendix D. Isolated Occurrence Table
Appendix E. Utah Archaeology Site Forms (Detached)
Appendix F. XXX
Appendix G. XXX
Appendix H. XXX

Figures

Figure 1. Project location maps.....	Error! Bookmark not defined.
--------------------------------------	------------------------------

Tables

Table 1. Previously Conducted Cultural Resources Projects within 0.5 Mile of the Study Area	Error! Bookmark not defined.
Table 2. Previously Documented Archaeological Sites within 0.5 Mile of the Study Area	Error! Bookmark not defined.

Table 3. Historic Topographic and General Land Office Map Features Located within 0.5 Mile of the Study Area	Error! Bookmark not defined.
Table 4. Archaeological Resources Located within the Study Area.....	Error! Bookmark not defined.