

4.6 CULTURAL AND PALEONTOLOGICAL RESOURCES

4.6.1 ALTERNATIVE A – PROPOSED PROJECT

Development proposed under this Alternative A would not adversely effect any known historic properties. Historic archaeological site RPC-5, which is recommended eligible to the NRHP for treatment purposes, is located outside the Alternative A archaeological area of potential effect (APE). Located approximately 0.75 miles across the Santa Rosa Canal, is a home and dairy built circa 1915 (5151 Stony Point Road) are recommended eligible to the National Register of Historic Places (NRHP) criteria A (events) and B (people). This property is outside of the construction areas for Alternative A. Due to the physical separation and distance of the property from construction areas, construction and operation of Alternative A would not adversely effect known historic properties and thus is not considered a significant impact.

Development proposed under this alternative may adversely effect unknown subsurface prehistoric or historic archaeological resources. This is a potentially significant impact. Mitigation measures are presented in **Section 5.2.5** for the treatment of unanticipated discoveries of archaeological sites. Implementation of these mitigation measures would reduce impacts to cultural resources to a less-than-significant level.

PALEONTOLOGICAL RESOURCES

No paleontological or unique geological resources are known to exist in the area of the site. Geologic formations that underlie the Wilfred site have a low probability of containing paleontological resources, and no impacts are expected.

There is always a possibility that unknown paleontological resources will be encountered during construction activities. Continued construction upon exposed paleontological materials would likely cause destruction of these resources. This would be a significant impact. Mitigation measures are presented in **Section 5.2.5** for the protection and preservation of unanticipated discoveries of paleontological resources. Implementation of these mitigation measures would reduce impacts to paleontological resources to a less-than-significant level.

4.6.2 ALTERNATIVE B – NORTHWEST STONY POINT CASINO

CULTURAL RESOURCES

Development proposed under Alternative B would adversely effect known historic properties. Historic archaeological site RPC-1, which has been recommended eligible to the NRHP for treatment purposes, is located within the Alternative B archaeological APE.

A circa 1910 house and dairy (597 Wilfred Avenue) is recommended eligible to the NRHP under criteria A (events), B (people), and C (workmanship). In addition, a circa 1949 house with outbuildings (605 Wilfred Avenue) is recommended eligible to the NRHP under criteria A (events) and B (people). Both properties are located across from areas of construction on Wilfred Avenue. Construction and operation of Alternative B would adversely effect these historic properties by impacting their integrity of setting, association, and feeling. Therefore, Alternative B would adversely effect known historic properties, resulting in a significant impact.

Development proposed under this alternative may adversely effect unknown subsurface prehistoric or historic archaeological resources. This is a potentially significant impact.

Mitigation measures are presented in **Section 5.2.5** for the protection and preservation of RPC-1, and for the treatment of unanticipated discoveries of archaeological sites. Implementation of these mitigation measures would reduce impacts to cultural resources to a less-than-significant level.

PALEONTOLOGICAL RESOURCES

No paleontological or unique geological resources are known to exist in the area of the site. Geologic formations that underlie the Stony Point site have a low probability of containing paleontological resources. Therefore, no impacts are expected.

There is always a possibility that unknown paleontological resources will be encountered during construction activities. Continued construction upon exposed paleontological materials would likely cause destruction of these resources. This is a significant impact.

Mitigation measures are presented in **Section 5.2.5** for the protection and preservation of unanticipated discoveries of paleontological resources. Implementation of these mitigation measures would reduce impacts paleontological resources to a less-than-significant level.

4.6.3 ALTERNATIVE C – NORTHEAST STONY POINT CASINO

CULTURAL RESOURCES

Development proposed under this alternative would not adversely effect any known historic properties. Historic archaeological sites RPC-1 and RPC-5, which are recommended eligible to the NRHP for treatment purposes, are located outside the Alternative C archaeological APE.

597 Wilfred Avenue, a circa 1910 house and dairy, is recommended eligible to the NRHP under criteria A (events), B (people), and C (workmanship). 605 Wilfred Avenue, a circa 1949 house

with outbuildings, is recommended eligible to the NRHP under criteria A (events), and B (people). Both properties are located approximately 1,000 feet from construction areas on the opposite side of the Santa Rosa Canal. Due to the physical separation of the properties from construction areas, construction and operation of Alternative C would not adversely effect these historic properties and thus is not considered a significant impact.

Development proposed under this alternative may adversely effect unknown subsurface prehistoric or historic archaeological resources. This is a potentially significant impact.

Mitigation measures are presented in **Section 5.2.5** for the treatment of unanticipated discoveries of archaeological sites. Implementation of these mitigation measures would reduce impacts cultural resources to a less-than-significant level.

PALEONTOLOGICAL RESOURCES

No paleontological or unique geological resources are known to exist in the area of the site. Geologic formations that underlie the Stony Point site have a low probability of containing paleontological resources. Therefore, no impacts are expected.

There is always a possibility that unknown paleontological resources will be encountered during construction activities. Continued construction upon exposed paleontological materials would likely cause destruction of these resources. This is a significant impact.

Mitigation measures are presented in **Section 5.2.5** for the protection and preservation of unanticipated discoveries of paleontological resources. Implementation of these mitigation measures would reduce impacts paleontological resources to a less-than-significant level.

4.6.4 ALTERNATIVE D – REDUCED INTENSITY (STONY POINT SITE)

CULTURAL RESOURCES

Development proposed under Alternative D would be similar to impacts described under Alternative B. This is a potentially significant impact. Mitigation measures are presented in **Section 5.2.5** for the protection and preservation of RPC-1, and for the treatment of unanticipated discoveries of archaeological sites. Implementation of these mitigation measures would reduce impacts to cultural resources to a less-than-significant level.

PALEONTOLOGICAL RESOURCES

No paleontological or unique geological resources are known to exist in the area of the site. Geologic formations that underlie the Stony Point site have a low probability of containing paleontological resources. Therefore, no impacts are expected.

There is always a possibility that unknown paleontological resources will be encountered during construction activities. Continued construction upon exposed paleontological materials would likely cause destruction of these resources. This is a significant impact.

Mitigation measures are presented in **Section 5.2.5** for the protection and preservation of unanticipated discoveries of paleontological resources. Implementation of these mitigation measures would reduce impacts to paleontological resources to a less-than-significant level.

4.6.5 ALTERNATIVE E – BUSINESS PARK

CULTURAL RESOURCES

Development proposed under Alternative E would be similar to impacts described under Alternative B and is considered a potentially significant impact. Mitigation measures are presented in **Section 5.2.5** for the protection and preservation of RPC-1, and for the treatment of unanticipated discoveries of archaeological sites. Implementation of these mitigation measures would reduce impacts to cultural resources to a less-than-significant level.

PALEONTOLOGICAL RESOURCES

No paleontological or unique geological resources are known to exist in the area of the Stony Point site. Geologic formations that underlie the area have a low probability of containing paleontological resources. Therefore, no impacts to paleontological resources are expected.

There is always a possibility that unknown paleontological resources will be encountered during construction activities. Continued construction upon exposed paleontological materials would likely cause destruction of these resources. This is a significant impact.

Mitigation measures are presented in **Section 5.2.5** for the protection and preservation of unanticipated discoveries of paleontological resources. Implementation of these mitigation measures would reduce impacts to paleontological resources to a less-than-significant level.

4.6.6 ALTERNATIVE F – LAKEVILLE CASINO

CULTURAL RESOURCES

Development proposed under this alternative would not adversely effect any historic properties. CA-SON-204, a prehistoric archaeological site, is located outside the Alternative F archaeological APE. Additionally, 7697 Lakeville Highway, a circa 1902 house and outbuildings recommended eligible to the NRHP under criteria A (events), B (people), and C (workmanship) is located approximately 0.5-miles from construction areas on the opposite side of Lakeville

Highway. Due to the physical separation and distance of the property from construction areas, construction and operation of Alternative F would not adversely effect historic properties and thus is not considered a significant impact.

Development proposed under this alternative may adversely effect unknown subsurface prehistoric or historic archaeological resources. This is a potentially significant impact. Mitigation measures are presented in **Section 5.2.5** for the protection and preservation of CA-SON-204, and for the treatment of unanticipated discoveries of archaeological sites. Implementation of these mitigation measures would reduce impacts to cultural resources to a less-than-significant level.

PALEONTOLOGICAL RESOURCES

No paleontological or unique geological resources are known to exist in the area of the site. Geologic formations that underlie the Lakeville site have a low probability of containing paleontological resources. Therefore, no impacts are expected.

There is always a possibility that unknown paleontological resources will be encountered during construction activities. Continued construction upon exposed paleontological materials would likely cause destruction of these resources. This is a significant impact.

Mitigation measures are presented in **Section 5.2.5** for the protection and preservation of unanticipated discoveries of paleontological resources. Implementation of these mitigation measures would reduce impacts to paleontological resources to a less-than-significant level.

4.6.7 ALTERNATIVE G – NO ACTION

Development proposed under this alternative would not adversely effect known historic or archaeological sites. However, development proposed under this alternative may adversely effect unknown subsurface prehistoric or historic archaeological resources. This would be a potentially significant impact.

Mitigation measures are presented in **Section 5.2.5** for the treatment of unanticipated discoveries. Implementation of these mitigation measures would reduce impacts to cultural resources to a less-than-significant level.

PALEONTOLOGICAL RESOURCES

No paleontological or unique geological resources are known to exist in the area of the site. Geologic formations that underlie the NWSP area have a low probability of containing paleontological resources. Therefore, no impacts are expected.

There is always a possibility that unknown paleontological resources will be encountered during construction activities. Continued construction upon exposed paleontological materials would likely cause destruction of these resources. This is a significant impact. Mitigation measures are presented in **Section 5.2.5** for the protection and preservation of unanticipated discoveries to paleontological resources.

4.6.8 ALTERNATIVE H –REDUCED INTENSITY (WILFRED SITE)

CULTURAL RESOURCES

As is the case under Alternative A, development proposed under Alternative H would not adversely effect any known historic properties. Historic archaeological site RPC-5, which is considered eligible to the NRHP for treatment purposes, is located outside the Alternative H archaeological APE. A circa 1915 house and dairy (5151 Stony Point Road), recommended eligible to the NRHP under criteria A (events) and B (people) is located approximately 0.75-miles from construction areas on the opposite side of the Santa Rosa Canal. Due to the physical separation and distance of the property from construction areas, construction and operation of Alternative H would not adversely effect historic properties and thus is not considered a significant impact.

Development proposed under this alternative has the potential to adversely effect unknown subsurface prehistoric or historic archaeological resources. This is a potentially significant impact.

Mitigation measures are presented in **Section 5.2.5** for the treatment of unanticipated discoveries of archaeological sites. Implementation of these mitigation measures would reduce impacts to cultural resources to a less-than-significant level.

PALEONTOLOGICAL RESOURCES

No paleontological or unique geological resources are known to exist in the area of the site. Geologic formations that underlie the Wilfred site have a low probability of containing paleontological resources. Therefore, no impacts are expected.

There is always a possibility that unknown paleontological resources will be encountered during construction activities. Continued construction upon exposed paleontological materials would likely cause destruction of these resources. This would be a significant impact.

Mitigation measures are presented in **Section 5.2.5** for the protection and preservation of unanticipated discoveries of paleontological resources. Implementation of these mitigation measures would reduce impacts paleontological resources to a less-than-significant level.