

# EXECUTIVE SUMMARY

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## DRAFT ENVIRONMENTAL IMPACT STATEMENT

### INTRODUCTION

The Ione Band of Miwok Indians (hereafter, the “Tribe”) consists of approximately 652 members, of which approximately 350 are voting members. The Tribe is governed by a General Council with the day-to-day governance conducted by a 5-member tribal council, as authorized in the Tribal Constitution, which was passed by the General Council on March 12, 2002. The Tribal Constitution was approved by the Department of the Interior, Bureau of Indian Affairs (BIA) on September 6, 2002. The Tribe presently has no land in trust and is eligible to acquire land for reservation purposes. In 1972, BIA Commissioner Louis Bruce acknowledged the Tribe’s federal recognition and agreed to accept land into trust on behalf of the Tribe. In 1994, BIA Assistant Secretary Ada Deer reaffirmed the Bureau’s commitment to bring land into trust and declare a reservation for the Tribe. These letters are provided in **Appendix A**.

The Tribe proposes that 228.04 acres of land be taken into trust and that a casino, event center, hotel and other facilities supporting the casino be constructed on the property. The gaming facility will be managed by a professional management company on behalf of the Tribal Government pursuant to the terms of a Management Agreement to be approved by the National Indian Gaming Commission (NIGC). The BIA serves as the Lead Agency for National Environmental Policy Act (NEPA) compliance, with the NIGC, U.S. Environmental Protection Agency (USEPA), and City of Plymouth acting as Cooperating Agencies.

This Draft Environmental Impact Statement (Draft EIS) was prepared to assess the environmental consequences of the Tribe’s application to have the BIA take the land into Federal trust for the purposes set forth in the five alternatives discussed herein (including the alternative to take no action) and to have the NIGC approve a gaming-related Management Contract to develop and operate the proposed alternative. The Draft EIS addresses the foreseeable consequences of the Federal actions, including the development and operation of one of four related commercial alternatives. The effects of these development alternatives are analyzed within this Draft EIS.

The Tribe would enter into a Tribal-State Compact, as required by the Indian Gaming Regulatory Act (IGRA) to govern the conduct of Class III gaming activities, or comply with procedures

established by the Secretary of the Interior (pursuant to IGRA and 25 C.F.R. 291) in the event that the State and the Tribe are unable to agree to a compact.

The project site is located partially within the incorporated City of Plymouth (10.28 acres) and unincorporated Amador County (217.76 acres) on 12 parcels totaling approximately 228.04 acres (the 10.28± acres within the City are zoned commercial and the remaining County lands are zoned agricultural). The project site is located immediately adjacent to State Highway 49 two miles north of the junction of State Highway 16 and State Highway 49. Surrounding land uses consist of grazing land located east and south of the project site and commercial uses located north and west of the project site.

## **PURPOSE AND NEED**

The purpose and need for taking the property into Federal trust and subsequent development is to carry out the Federal Government's trust responsibilities to the Tribe and to allow for the development of uses that will improve the long-term economic condition of the Tribe and its members through the establishment of a stable, sustainable source of employment and revenue. Revenues generated from the proposed land use would be used to support social and educational programs for the elderly, the poor, and younger Tribal members. Additionally, the Tribal Government desires to acquire land that was part of the Tribe's historical territory. The Proposed Action serves the needs of the BIA and NIGC to promote economic development and the self-governance capability of the Tribe through the highest and best use of the Tribe's land.

## **ALTERNATIVES**

This document describes and analyzes four development alternatives, including the proposed alternative (Alternative A) and the No Action alternative (Alternative E). Pursuant to NEPA requirements, the Alternatives have been designed to meet the Purpose and Need.

### **ALTERNATIVE A – PROPOSED CASINO AND HOTEL**

The proposed alternative consists of the development of a 120,000± square foot casino, a 166,500 square foot hotel and a 30,000± square foot event and convention center. The casino components would include 2,000 slot machines, 40 table games, other back of house areas, and food and beverage areas consisting of a buffet, a specialty restaurant, and a coffee bar and sports bar. In addition, the proposed alternative includes: surface parking (comprised of patron, employee, RV and bus parking areas), a wastewater treatment plant and disposal facility, two water storage tanks to store well water pumped from wells located on and off the site or a connection to the municipal water system, potentially one reclaimed water storage tank, a treated wastewater reservoir, a

surface water detention facility, site landscaping, and a fire station. Construction would occur in two phases. The majority of components would be developed during the first phase with the hotel and event center developed during the second phase.

### **ALTERNATIVE B – REDUCED CASINO WITH HOTEL DEVELOPMENT**

Alternative B includes the development of a 100,750± square foot casino, a 166,500 square foot hotel and a 30,000 square foot event and convention center. The reduced casino would include areas for 1,500 slot machines, 30 table games, other back of house areas, and food and beverage areas consisting of a buffet, a specialty restaurant, and a coffee bar and sports bar. As with Alternative A, Alternative B will include surface parking (comprised of patron, employee, RV and bus parking areas), a wastewater treatment plant and disposal facility, two water storage tanks to store well water pumped from wells located on and off the site or a connection to the municipal water system, potentially one reclaimed water storage tank, a treated wastewater reservoir, a surface water detention facility, site landscaping, and a fire station. Construction would occur in two phases. The majority of components would be developed during the first phase with the hotel and event center developed during the second phase.

### **ALTERNATIVE C – REDUCED CASINO/NO HOTEL DEVELOPMENT**

Alternative C includes the development of a 79,250± square foot casino and supporting facilities. This alternative does not include the development of a hotel or an event center. The reduced casino components include space for 1,000 slot machines, 20 table games, other back of house areas, and food and beverage areas consisting of a buffet and sports bar. As with Alternative A, Alternative C will include surface parking (comprised of patron, employee, RV and bus parking areas), a wastewater treatment plant and disposal facility, two water storage tanks to store well water pumped from wells located on and off the site or a connection to the municipal water system, potentially one reclaimed water storage tank, a treated wastewater storage reservoir, a surface water detention facility, site landscaping, and a fire station.

### **ALTERNATIVE D – REGIONAL SHOPPING DEVELOPMENT**

Alternative D consists of the development of a 213,250± square foot regional shopping facility. The retail components include; two anchor stores (at 42,625± square feet) and in-line shops (at 80,625± square feet). Alternative D would also include surface parking, a wastewater treatment plant and disposal facility, a water storage tank to store well water pumped from wells located on and off the site and/or a connection to the municipal water system, a surface water detention facility, site landscaping, and a fire station.

## **ALTERNATIVE E – NO ACTION**

Under the No Action Alternative, the twelve parcels would not be placed into Federal trust for the benefit of the Tribal Government, and would not be developed as described under any of the alternatives identified. Land use jurisdiction of the property would remain with the City of Plymouth and Amador County. The twelve parcels could ultimately be developed consistent with current zoning by the Tribal Government, or sold to a private party for development. For the purposes of the environmental analysis in this EIS, it is assumed that the building moratorium would be lifted and the property would be ultimately developed. Based on planned residential projects within the City’s sphere of influence that are contingent upon lifting of the moratorium, the site may be developed with either residential communities or corresponding commercial services, or a mixture of both. Under this alternative, the Tribal Government would not attain its basic objective of economic self-sufficiency or regain aboriginal lands.

## **ALTERNATIVES CONSIDERED BUT ELIMINATED**

The Tribe considered an alternative 40-acre site located in an unincorporated area of Amador County outside the City of Ione. The site was not considered further because development of a casino and hotel resort would result in the loss of a substantial amount of trees and other vegetation, displace existing residents, would not have the ability to accommodate any ancillary components, such as a reservoir or wastewater treatment facility, and is partially located within the 100-year floodplain.

## **ENVIRONMENTAL CONSEQUENCES AND SUMMARY MATRIX**

The environmental consequences of the alternatives analyzed within this Draft EIS are summarized in **Table ES-1**. Mitigation measures have been identified where feasible to address specific effects regardless of whether such effects are considered “significant.” Mitigation measures identified in the design process have been incorporated into the project description. In addition, measures have been identified to mitigate specific effects identified during the preparation of the Draft EIS. The measures identified during the preparation of the Draft EIS are summarized in **Table ES-1** below. For a detailed discussion of environmental consequences, please see **Section 4.0** of this document.

The following abbreviations have been used in **Table ES-1** to identify the alternatives:

- AA Alternative A – Proposed Casino and Hotel
- AB Alternative B – Reduced Casino with Hotel Development
- AC Alternative C – Reduced Casino Development
- AD Alternative D – Retail Development
- AE Alternative E – No Action

**TABLE ES-1**  
SUMMARY OF POTENTIAL ENVIRONMENTAL EFFECTS, MITIGATION MEASURES, AND SIGNIFICANCE

ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES		
<b>4.2 LAND RESOURCES</b>				
<b>Soils</b>				
AA Under Alternative A, soils may be affected due to erosion during construction, operation, and maintenance activities.	LTS	<p>A. In compliance with the Clean Water Act, a Storm Water Pollution Prevention Plan (SWPPP) shall be prepared that shall address water quality impacts associated with construction and operation of the project. Water quality control measures identified in the SWPPP shall include but may not be limited to the following list. These measures shall be implemented where feasible.</p> <p><b>General Construction Activities</b></p> <ol style="list-style-type: none"> <li>1. Existing vegetation shall be retained where possible. To the extent feasible, grading activities shall be limited to the immediate area required for construction.</li> <li>2. Temporary erosion control measures (such as silt fences, fiber rolls, vegetated swales, a velocity dissipation structure, staked straw bales, temporary revegetation, rock bag dams, and sediment traps) shall be employed for disturbed areas.</li> <li>3. No disturbed surfaces shall be left without erosion control measures in place during the winter and spring months.</li> <li>4. Construction area entrances and exits shall be stabilized with crushed aggregate.</li> <li>5. Sediment shall be retained onsite by a system of sediment basins, traps, or other appropriate measures.</li> <li>6. A spill prevention and countermeasure plan shall be developed; if necessary, which shall identify proper storage, collection, and disposal measures for potential pollutants (such as fuel, fertilizers, pesticides, etc.) used onsite.</li> <li>7. Petroleum products shall be stored, handled, used, and disposed of properly.</li> <li>8. Construction materials, including topsoil and chemicals, shall be</li> </ol>		
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		<p>stored, covered, and isolated to prevent runoff losses and contamination of groundwater.</p> <p>9. Fuel and vehicle maintenance areas shall be established away from all drainage courses and designed to control runoff.</p> <p>10. Sanitary facilities shall be provided for construction workers.</p> <p>11. Disposal facilities shall be provided for soil wastes, including excess asphalt produced during construction.</p> <p>12. The Tribe shall educate all workers in the proper handling, use, cleanup, and disposal of all chemical materials used during construction activities and provide appropriate facilities to store and isolate contaminants.</p> <p>13. The Tribe shall educate all contractors involved in the project of the potential environmental damages resulting from soil erosion prior to development by conducting a pre-construction conference. Copies of the project's erosion control plan shall be distributed at the pre-construction conference. All construction bid packages; contracts, plans and specifications shall contain language that requires adherence to the plan.</p> <p>14. Construction activities shall be scheduled to minimize land disturbance during peak runoff periods. Soil conservation practices shall be completed during the fall or late winter to reduce erosion from spring runoff.</p> <p>15. Creating construction zones and grading only one part of a construction zone at a time shall minimize exposed areas. If possible, grading on a particular zone shall be delayed until protective cover is restored on the previously graded zone.</p> <p>16. Utility installations shall be coordinated to limit the number of excavations.</p> <p>17. Preserving as much natural cover, topography, and drainage as possible shall protect disturbed soils from rainfall during construction. Trees and shrubs shall not be removed unnecessarily.</p>		
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		<p>18. Disturbed areas shall be stabilized as promptly as possible, especially on long or steep slopes. Recommended plant materials and mulches shall be used to establish protective ground cover where feasible. Vegetation such as fast-growing annual and perennial grasses shall be used to shield and bind soils where feasible. Mulches and artificial binders shall be used until vegetation is established where feasible. Where truck traffic is frequent, gravel approaches shall be used to reduce soil compaction and limit the tracking of sediment onto Highway 49.</p> <p>19. Surface water runoff shall be controlled by directing flowing water away from critical areas and by reducing runoff velocity. Diversion structures such as terraces, dikes, and ditches shall collect and direct runoff water around vulnerable areas to prepared drainage outlets. Surface roughening, berms, check dams, hay bales, or similar devices shall be used to reduce runoff velocity and erosion.</p> <p>20. Sediment shall be contained when conditions are too extreme for treatment by surface protection. Temporary sediment traps, filter fabric fences, inlet protectors, vegetative filters and buffers, or settling basins shall be used to detain runoff water long enough for sediment particles to settle out.</p> <p>21. Topsoil removed during construction shall be carefully stored and treated as an important resource. Berms shall be placed around topsoil stockpiles to prevent runoff during storm events.</p> <p>22. All necessary permits and approvals shall be obtained, including a National Pollutant Discharge Elimination System (NPDES) Phase II General Permit for Storm Water Discharges from Construction Activities.</p> <p><b>General Operation Measures</b></p> <p>23. Storm drains shall be equipped with silt and oil traps to remove oils, debris, and other pollutants. Storm drain inlets shall also be labeled " No Dumping – Drains to Streams and Rivers."</p> <p>24. The parking lot shall be designed to allow storm water runoff to be</p>		
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		directed towards vegetative filter strips to help control sediment and to control non-point source pollution, where possible.		
		25. Permanent energy dissipaters shall be included for drainage outlets.		
		26. The Tribe shall create, utilize, and update as necessary a maintenance plan for all Best Management Practices (BMPs).		
AB Under Alternative B, soils will be affected due to erosion during construction, operation, and maintenance activities. Potential impacts would be similar, but less, than those identified for AA.	LTS	Same as AA.		
AC Under Alternative C, soils will be affected due to erosion during construction, operation, and maintenance activities. Potential impacts would be similar, but less, than those identified for AA.	LTS	Same as AA.		
AD Potential impacts to soils would be similar, but much less, than those identified for AA. This alternative would not include a large surface parking area. AD would also not require the recycled water storage reservoir, the detention basin or the RV parking.	LTS	Same as AA.		
AE Soils will not be affected under Alternative E.	NE	N/A		
<b>Seismicity</b>				
AA Option 1 for disposal of treated effluent under Alternative A includes the construction of a 37.4-acre foot reclaimed water reservoir contained by a 75-foot tall earthen dam. The earthen dam would be subject to review under the BIA Safety of Dams Program to ensure that dam design is structurally sound.	S	<p>B. The recommendations within the geotechnical study (<b>Appendix E</b>) for the treated wastewater reservoir will be incorporated into the project description to reduce potential impacts to land resources and from geological and seismic hazards, and include the following:</p> <ol style="list-style-type: none"> <li>1. The existing fill, alluvium and residual soils are not considered suitable foundation materials for the embankment dam. Fill materials generally consists of excavated and weathered Mariposa Formation, with fragments that are slightly clayey, silty, sandy angular gravel with cobble-sized, angular rock fragments. The materials shall be completely removed within the footprint of the embankment.</li> <li>2. The upper, weathered portion of the Mariposa formation shall be</li> </ol>		
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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
		<p>removed to expose sound, slightly weathered to fresh bedrock.</p> <p>3. The exposed rock surface shall be cleaned of all loose fragments, including semidetached surface blocks of rock spanning relatively open crevices. Projecting knobs of rock shall be removed to facilitate operation of compaction equipment and to avoid differential settlement.</p> <p>4. Cracks, joints, and openings shall be filled with mortar or lean concrete according to the width of opening. The treatment of rock defects should not result in layers of grout or gunite that cover surface areas of sound rock since they might crack under subsequent fill placement and compaction operations.</p> <p>5. Some adverse geologic conditions may be encountered with the foundation and abutment excavations. If these conditions are found, additional pinning and grouting may be necessary.</p> <p>6. A cut-off trench to control under-seepage may be necessary depending on the design of the dam. The cutoff trench would likely be excavated four to six feet into the slightly weathered to fresh portion of the Mariposa Formation. The width of the cut-off trench will be about half the height of the dam, with a 14-foot minimum.</p> <p>7. Based on an expected dam height of 75 feet, the top width of the dam shall be between 25 and 45 feet. Narrower top widths may be suitable, if approved by the dam designer.</p> <p>8. Assuming an earth or rock-fill dam with an impermeable core, the upstream embankment shell shall be inclined at 3:1 (horizontal to vertical) or flatter. The downstream embankment shell may be inclined at 2:1 or flatter. These inclinations are considered conservative estimates for planning purposes. Final inclinations shall be based on reservoir design, operating conditions, material source laboratory test results and detailed slope stability analyses. Other conditions, such as required widths of the core, filter and transition zones may dictate flatter slopes.</p> <p>9. The Tribe shall submit the final dam design to the BIA for review and approval prior to construction. The BIA shall review the</p>

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES		
		design in cooperation with the Bureau of Reclamation based on the Bureau of Reclamation standard design guidelines.		
		10. Based on the BIA's downstream hazard classification, an Operation and Maintenance Program may be required to ensure the safety of people and property downstream. If required, the Tribe shall enter into a Memorandum of Agreement (MOA) with the BIA to implement an Operation and Maintenance Program for the life of the dam.		
		11. Prior to design and construction, a detailed design-level geotechnical investigation must be completed by the Tribe to determine final design parameters.		
AB Option 1 for disposal of treated effluent under Alternative B includes the construction of a 31.6-acre foot reclaimed water reservoir contained by a 75-foot tall earthen dam. The earthen dam would be subject to review under the BIA Safety of Dams Program to ensure that dam design is structurally sound.	S	Same as AA.		
AC Option 1 for disposal of treated effluent under Alternative C includes the construction of a 19.3-acre foot reclaimed water reservoir contained by a 70-foot tall earthen dam. The earthen dam would be subject to review under the BIA Safety of Dams Program to ensure that dam design is structurally sound.	S	Same as AA.		
AD Alternative D would not involve the construction of a reservoir and potential earthquake hazards are minimal.	LTS	None recommended.		
AE Seismicity will not be affected under Alternative E.	NE	N/A		
<b>Mineral Resources</b>				
AA Alteration in the land use will not adversely affect known or recorded mineral resources.	LTS	None recommended.		
AB Same as AA.	LTS	Same as AA.		
AC Same as AA.	LTS	Same as AA.		
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AD Same as AA.	LTS	Same as AA.		
AE Existing land uses would persist and no mineral resources would be affected.	NE	N/A		
<b>4.3 WATER RESOURCES</b>				
<i>Drainage</i>				
AA Design of Alternative A includes a drainage plan reducing impacts to downstream drainages.	LTS	None recommended		
AB Design of Alternative B includes a drainage plan reducing impacts to downstream drainages.	LTS	Same as AA.		
AC Design of Alternative C includes a drainage plan reducing impacts to downstream drainages.	LTS	Same as AA.		
AD Design of Alternative D includes a drainage plan reducing impacts to downstream drainages.	LTS	Same as AA.		
AE No new development is proposed under AE.	NE	N/A		
<i>Surface Water Quality</i>				
AA Potential effects to surface water quality could result from both construction and operational activities of the proposed facilities.	LTS	A. In compliance with the Clean Water Act, a SWPPP shall be prepared that shall address water quality impacts associated with construction and operation of the project. These measures are identified as measure 5.2.1.A. in Section 5.2.2 of the DEIS (Measure A in Section 4.2 above)		
AA Potential effects to surface water quality could result from discharging treated effluent into the creek.	LTS	B. An NPDES permit shall be obtained for discharge of treated wastewater into the Waters of the U.S.		
AB Potential effects to surface water quality could result from both construction and operational activities of the proposed facilities. These effects are reduced compared to the effects of AA.	LTS	Same as AA.		
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AB Potential effects to surface water quality could result from discharging treated effluent into the creek.	LTS	Same as AA.		
AC Potential effects to surface water quality could result from both construction and operational activities of the proposed facilities. These effects are reduced compared to the effects of AA or AB.	LTS	Same as AA.		
AC Potential effects to surface water quality could result from discharging treated effluent into the creek.	LTS	Same as AA.		
AD Potential effects to surface water quality could result from both construction and operational activities of the proposed facilities. These effects are reduced compared to the effects of AA, AB, or AC.	LTS	Same as AA.		
AD Potential effects to surface water quality could result from discharging treated effluent into the creek, as discussed in Option 2 for treated effluent disposal.	LTS	Same as AA.		
AE Surface water quality will not be affected under AE.	NE	N/A		
<b>Groundwater Use</b>				
AA Under this alternative, there would be an increase in ground water use. Neighboring wells could be impacted.	S	C. The Tribe shall develop and implement a groundwater-monitoring program, in consultation with the BIA and the US Environmental Protection Agency (USEPA). The purpose of the program shall be to monitor groundwater levels in order to determine if the Tribe's groundwater pumping practices are significantly affecting off-site users of groundwater. A significant effect shall be found in an off-site groundwater users pre-project (i.e. prior to the Proposed Action as identified in this Draft EIS) consumptive use is reasonably determined to have been reduced or lost as the result of the Tribe's groundwater pumping practice. The Tribe shall monitor groundwater using existing wells located on the project site. These wells shall not be used for groundwater supply. Monitoring wells shall be in place prior to the commencement of groundwater pumping and measurements collected to establish pre-project baseline groundwater levels. The Tribe may also add monitoring wells if it is determined that the existing wells are insufficient. The monitoring plan shall identify the number of monitoring wells, the frequency and duration of monitoring, reporting requirements, and the selection of contractors to conduct the monitoring and prepare monitoring reports. If it is determined that off-site groundwater conditions are significantly affected by the Tribe's pumping practices, the Tribe shall undertake one or more of the following measures:		
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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
		<ol style="list-style-type: none"> <li>1. The Tribe may alter its groundwater pumping regime. This may include increasing the resting period or decreasing pumping rates of individual wells.</li> <li>2. The Tribe may pay for an off-site user's well to be drilled deeper in order to recover pre-project consumptive use that was reduced or lost as the result of the Tribe's pumping practice.</li> <li>3. The Tribe may pay for a new well to replace an off-site user's existing well that is no longer able to supply pre-project consumptive use as the result of the Tribe's pumping practice.</li> <li>4. The Tribe may replace the water lost from an off-site user as the result of the Tribe's pumping practice, by either connection to the Tribe's water supply or through the import of water via tanker truck.</li> <li>5. The Tribe may decrease the project's reliance on groundwater and increase the importation of water via tanker truck.</li> </ol>
		D. The three wells for obtaining groundwater shall be pumped in rotation to allow for recharge of the aquifer.
AB Under this alternative, there would be an increase in ground water use. Neighboring wells could be impacted.	S	Same as AA.
AC Under this alternative, there would be an increase in ground water use. Neighboring wells could be impacted.	S	Same as AA.
AD Under this alternative, there would be an increase in ground water use. Neighboring wells could be impacted.	S	Same as AA.
AE No effect on ground water use in the project area would occur under Alternative E.	NE	N/A

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<b>Groundwater Quality</b>		
AA Effluent from the wastewater treatment plant disposed on-site has potential to affect groundwater quality.	LTS	E. A sampling and monitoring program for the wastewater treatment plant shall be developed and implemented with oversight USEPA in accordance with the Clean Water Act. Treated effluent shall be monitored to determine the efficacy of the treatment process and to assure compliance with the NPDES permit and Title 22.
AB Effluent from the wastewater treatment plant has potential to affect groundwater quality.	LTS	Same as AA.
AC Effluent from the wastewater treatment plant has potential to affect groundwater quality.	LTS	Same as AA.
AD Effluent from the wastewater treatment plant has potential to affect groundwater quality.	LTS	Same as AA.
AE No effect on ground water quality in the project area would occur under Alternative E.	NE	N/A
<b>4.4 AIR QUALITY</b>		
AA Construction is estimated to generate ozone precursors.	LTS	A. The Tribe shall control emissions of volatile organic compounds (VOC{ XE "VOC" }), nitrogen oxides (NOx{ XE "NOx" }), sulfur oxides (SOx{ XE "SOx" }), and carbon monoxide (CO{ XE "CO" }) whenever reasonable and practicable by requiring all diesel-powered equipment be properly maintained and minimize idle time to 5 minutes when construction equipment is not in use, unless per engine manufacturer's specifications or for safety reasons more time is required. Since these emissions would be generated primarily by construction equipment, machinery engines shall be kept in good mechanical condition to minimize exhaust emissions.

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AA Operation of this alternative would result in the generation of ozone precursors.	LTS	<p>B. The Tribe shall provide on-site pedestrian facility enhancements such as walkways, benches, property lighting, and building access, which are physically separated from parking lot traffic.</p> <p>C. Emissions associated with operation of the facility shall be reduced by requiring buses arriving at the project site to turn off their engines if the bus is not going to be operated for a 10-minute period of time.</p> <p>D. The Tribe shall encourage and facilitate the use of 'carpools' by construction workers, facility employees, and patrons. Encouraging and facilitating carpools would reduce the number of trips to and from the casino-hotel, which would reduce operational emissions.</p> <p>E. The loading dock at the casino-hotel will provide electrical outlets to refrigeration trucks. By providing electrical outlets to refrigeration trucks they will not need to idle, thus reducing emissions.</p>
AB Construction is estimated to generate ozone precursors, to a lesser degree than AA.	LTS	Same as AA.
AB Operation of this alternative would result in the generation of ozone precursors to a lesser degree than AA.	LTS	Same as AA
AC Construction is estimated to generate ozone precursors, to a lesser degree than AA and AB.	LTS	Same as AA.
AC Operation of this alternative would result in the generation of ozone precursors, to a lesser degree than AA and AB.	LTS	Same as AA
AD Construction is estimated to generate ozone precursors, to a lesser degree than AA and AB.	LTS	Same as AA.
AD Operation of this alternative would result in the generation of ozone precursors, to a lesser degree than AA and AB.	LTS	Same as AA

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AE Construction is estimated to generate ozone precursors, potentially to a similar degree as AA.	LTS	N/A
AE Operation of this alternative would result in the generation of ozone precursors, potentially to a similar degree as AA.	LTS	N/A
<b>4.5 BIOLOGY</b>		
AA Construction has the potential to impact critical habitat.	LTS	<p>A. Project site plans shall be modified to avoid or minimize impacts to oak trees to the extent feasible. During construction, oak trees that are not to be considered impacted shall be enclosed in four-foot-high temporary construction fencing, installed at least one foot outside the dripline of all oak trees located in the vicinity of active construction. Encroachment into fenced areas shall not be permitted until all construction has been completed.</p> <p>B. Removal of oak trees with a diameter at breast height (dbh) of 5 inches or greater, shall be avoided to the extent feasible. If avoidance is not possible, oak trees with a dbh between 5 inches and 24 inches shall be replaced at a 2:1 ratio and oak trees with a dbh greater than 24 inches shall be replaced at a 3:1 ratio. Replacement plantings shall be monitored for 7 years, as required by Section 21083.4 of the Public Resources Code. Any failed oak tree plantings shall be replaced.</p> <p>C. Project site plans shall be modified to avoid or minimize impacts to riparian woodland habitat to the extent feasible. Temporary fencing shall be installed around riparian woodland habitat outside of construction areas. Fencing shall remain in place until all construction activities within the vicinity of the protected riparian area are complete. Impacted riparian areas shall be either restored or mitigated for by enhancement of riparian habitat within the property at a 1:1 ratio. Restored and/or enhanced riparian woodland habitats shall be monitored for a period of 5 years.</p> <p>D. Invasive plant species of concern for Amador County and the State of California shall not be used for landscaping development of the proposed project. Management of the spray fields for wastewater disposal shall be conducted in a way that will discourage the growth of exotic and invasive plant species. Horticultural species of concern in Amador County and the State of California that shall not be included for use in the landscaping plan include, but are not limited to: iceplant (<i>Carpobrotus edulis</i>), periwinkle (<i>Vinca major</i>), all brooms (<i>Cytisus</i> spp., <i>Spartium</i> spp.), pampasgrass (<i>Cortadaria selloana</i>), cotoncaster</p>
Less than Significant = LTS	Significant = S	No Effect = NE
		Beneficial Effect = BE
		Not Applicable=N/A



**TABLE ES-1**  
SUMMARY OF POTENTIAL ENVIRONMENTAL EFFECTS, MITIGATION MEASURES, AND SIGNIFICANCE

ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES		
AA Construction has the potential to impact waters of the U.S.	S	<p>(<i>Cotoneaster</i> spp.), scarlet wisteria (<i>Sesbania punicea</i>), English and Algerian Ivy (<i>Hedera</i> spp.), black acacia (<i>Acacia melanoxylon</i>), Russian olive (<i>Elagnus angustifolia</i>), <i>Myoporum laetum</i>, black locust (<i>Robinia pseudoacacia</i>), Chinese tallow tree (<i>Sapium sebiferum</i>), Brazilian and Peruvian pepper tree (<i>Schinus terebinthifolius</i> and <i>S. molle</i>), and fountain grass (<i>Pennisetum setaceum</i>).</p>		
		<p>E. A formal delineation of waters of the U. S. occurring within the proposed project area shall be submitted to the USACE for verification.</p> <p>F. Project site plans shall be modified to avoid or minimize impacts to jurisdictional waters of the U. S. and wetland habitats to the extent feasible.</p> <p>G. A Department of the Army permit shall be obtained from the USACE prior to the discharge of any dredged or fill material within jurisdictional wetlands and other waters of the U. S. In addition, Water Quality Certification shall be obtained from the USEPA.</p> <p>H. Unavoidable impacts to waters of the U.S., including wetlands and wetland habitat, shall be mitigated by creating or restoring wetland habitats either onsite or at an appropriate off-site location. Compensatory mitigation shall occur at a minimum of 1:1 ratio and shall be approved by the USACE prior to any discharge into jurisdictional features. A wetland restoration plan shall be prepared by a qualified biologist for any wetland habitat to be created or restored on site. The restoration plan will describe the mitigation ratio, location of restoration, size and type of native vegetation to be used, and a monitoring and maintenance schedule. Off site mitigation shall be conducted through the purchase of credits through a mitigation bank.</p> <p>I. Construction activities in the vicinity of any jurisdictional features shall be conducted during the dry season to minimize erosion.</p> <p>J. Temporary fencing shall be installed around wetland and intermittent drainage features and associated riparian woodland that is outside of the construction area. Fencing shall be located as far as feasible from</p>		
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SUMMARY OF POTENTIAL ENVIRONMENTAL EFFECTS, MITIGATION MEASURES, AND SIGNIFICANCE

ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
AA Construction has the potential to impact the California tiger salamander, a special-status listed species.	S	<p>the edge of wetlands and riparian habitats and installed prior to any construction. The fencing shall remain in place until all construction activities have been completed.</p> <p>K. Staging areas shall be located away from the areas of wetland, intermittent drainage and riparian habitat that are fenced-off. Temporary stockpiling of excavated or imported material shall occur only in approved construction staging areas. Excess excavated soil shall be used on site or disposed of at a regional landfill or other appropriate facility. Stockpiles that are to remain on the site through the wet season shall be protected to prevent erosion (e.g. tarps, silt fences, straw bales).</p> <p>L. Best management practices (BMPs) shall be employed by the construction contractor to prevent the accidental release of fuel, oil, lubricant, or other hazardous materials associated with construction activities into jurisdictional features. A contaminant program shall be developed and implemented in the event of release of hazardous materials as part of the projects' NPDES permit.</p> <p>M. A Site Assessment for California tiger salamander (CTS) (<i>Ambystoma californiense</i>) habitat is pending submittal to the USFWS. If the USFWS determines that potential habitat for the CTS occurs within the project site, measures recommended by the USFWS, including conducting protocol level surveys, shall be adhered to.</p>
AA Construction has the potential to impact nesting migratory birds.	S	<p>N. If tree disturbance or other project-related activities are to occur during the nesting season (approximately March – September), pre-construction surveys for nesting migratory bird and raptor species, including the tricolored blackbird (<i>Agelaius tricolor</i>), shall be conducted within 500 feet of the proposed construction areas by a qualified biologist. If active nests are identified in these areas, the USFWS shall be consulted to develop measures to avoid any "take" of active nests prior to commencing tree removal or project related activities. Avoidance measures may include the establishment of buffers and biological monitoring. If active nests are identified within trees proposed for removal or disturbance, removal or disturbance shall be postponed until after the nesting season or after a qualified biologist had determined that the young have fledged and are independent of the nest site.</p>

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
AA Construction of off-site mitigation measures to reduce impacts to the existing circulation network could result in impacts to biological resources.	LTS	O. The Tribe shall contribute to the funding of the environmental review and mitigation for traffic improvements identified in <b>Section 5.2.8</b> . The contribution shall be based on the amount of traffic generated by land uses on the 228.04± acre site as a percentage of the overall traffic volume. In the case of improvements that are identified within this document as the sole responsibility of the Tribe, the Tribe's contribution must provide 100 percent of the necessary funds. The Tribe's contribution shall include the cost of preparing environmental documents and the cost of mitigation for biological resources, including but not limited to purchases of land, contributions to mitigation banks or programs, and restoration of habitat. The Tribe's contribution shall be provided to the agency undertaking the improvement (e.g. Caltrans, Amador County, City of Plymouth).
AB Construction has the potential to impact critical habitat, to a lesser extent than AA.	LTS	Same as AA.
AB Construction has the potential to impact waters of the U.S, to a lesser extent than AA.	S	Same as AA.
AB Construction has the potential to impact the California tiger salamander, a special-status listed species, to a lesser extent than AA.	S	Same as AA.
AB Construction has the potential to impact nesting migratory birds, to a lesser extent than AA.	S	Same as AA.
AB Construction of off-site mitigation measures to reduce impacts to the existing circulation network could result in impacts to biological resources.	LTS	Same as AA.
AC Construction has the potential to impact critical habitat, to a lesser extent than AA.	LTS	Same as AA.
AC Construction has the potential to impact waters of the U.S, to a lesser extent than AA.	S	Same as AA.
AC Construction has the potential to impact the California tiger salamander, a special-status listed species, to a lesser extent than AA.	S	Same as AA.

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SUMMARY OF POTENTIAL ENVIRONMENTAL EFFECTS, MITIGATION MEASURES, AND SIGNIFICANCE

ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
AC Construction has the potential to impact nesting migratory birds, to a lesser extent than AA.	S	Same as AA.
AC Construction of off-site mitigation measures to reduce impacts to the existing circulation network could result in impacts to biological resources.	LTS	Same as AA.
AD Construction has the potential to impact critical habitat, to a lesser extent than AA.	LTS	Same as AA.
AD Construction has the potential to impact waters of the U.S, to a lesser extent than AA.	S	Same as AA.
AD Construction has the potential to impact the California tiger salamander, a special-status listed species, to a lesser extent than AA.	S	Same as AA.
AD Construction has the potential to impact nesting migratory birds, to a lesser extent than AA.	S	Same as AA.
AD Construction of off-site mitigation measures to reduce impacts to the existing circulation network could result in impacts to biological resources.	LTS	Same as AA.
AE Development associated with this alternative could result in similar impacts as described under AA, to a similar extent.	S	Same as AA.

**4.6 CULTURAL RESOURCES**

AA Geologic formations that underlie the project site have a low probability of containing paleontological resources. However, there is the possibility of a buried habitation or special activity site within the project area, particularly the portion of the project area that lies in close proximity to the tributaries of Dry Creek.	S	A. In the event of an inadvertent discovery of archaeological resources during construction-related earth-moving activities, all such finds shall be subject to Section 106 of the National Historic Preservation Act as amended (36 CFR 800), the Native American Graves Protection and Repatriation Act (25 USC 3001 et seq.), and the Archaeological Resources Protection Act of 1979 (16 USC 470 aa-mm). Specifically, procedures for post review discoveries without prior planning pursuant to 36 CFR 800.13 shall be followed. The following shall apply to the inadvertent discovery of both archaeological or paleontological resources: All work within 50 feet of the find shall be halted until a professional archaeologist, or paleontologist as appropriate, can assess the significance of the find. If any find is evaluated to be significant by the archaeologist and BIA, or paleontologist, then representatives of the Tribe and BIA shall meet with the archaeologist, or paleontologist, to determine the appropriate course of action.
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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
		B. If human remains are discovered during ground-disturbing activities on Tribal lands, pursuant to the Native American Graves Protection and Repatriation Act and the implementing regulations found at 43 CFR 10 Section 10.4, <i>Inadvertent Discoveries</i> , the County coroner, the Tribal Official and the BIA representative shall be contacted immediately (on non-Tribal land, the BIA representative does not need to be called). No further disturbance shall occur until the County coroner, Tribal Official, and BIA representative have made the necessary findings as to the origin and disposition (on non-tribal land, no BIA representative is present). If the remains are determined to be of Native American origin, the coroner shall notify the Native American Heritage Commission, which shall notify a Most Likely Descendant (MLD). The MLD is responsible for recommending the appropriate disposition of the remains and any grave goods.
AA Traffic improvements identified with this alternative as the responsibility of the Tribe may impact cultural resources.	S	C. The Tribe shall contribute to the funding of the environmental review and mitigation for traffic improvements identified in <b>Section 5.2.8</b> . The proportionate share contribution shall be based on the amount of traffic generated by land uses on the 228.04± acre site as a percentage of the overall traffic volume. In the case of improvements that are identified within this document as the sole responsibility of the Tribe, the Tribe's contribution must provide 100 percent of the necessary funds. The Tribe's contribution shall include the cost of preparing environmental documents and the cost of mitigation for cultural resources, including but not limited to avoidance of resources, the preservation of key historical features, or the removal, documentation, and curation of cultural resources. The Tribe's contribution shall be provided to the agency undertaking the improvement (e.g. Caltrans, Amador County, City of Plymouth).
AB Geologic formations that underlie the project site have a low probability of containing paleontological resources. However, there is the possibility of a buried habitation or special activity site within the project area, particularly the portion of the project area that lies in close proximity to the tributaries of Dry Creek.	S	Same as AA.
AB Traffic improvements identified with this alternative as the responsibility of the Tribe may impact cultural resources.	S	Same as AA.

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**TABLE ES-1**  
SUMMARY OF POTENTIAL ENVIRONMENTAL EFFECTS, MITIGATION MEASURES, AND SIGNIFICANCE

ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
AC Geologic formations that underlie the project site have a low probability of containing paleontological resources. However, there is the possibility of a buried habitation or special activity site within the project area, particularly the portion of the project area that lies in close proximity to the tributaries of Dry Creek.	S	Same as AA.
AC Traffic improvements identified with this alternative as the responsibility of the Tribe may impact cultural resources.	S	Same as AA.
AD Geologic formations that underlie the project site have a low probability of containing paleontological resources. However, there is the possibility of a buried habitation or special activity site within the project area, particularly the portion of the project area that lies in close proximity to the tributaries of Dry Creek.	S	Same as AA.
AD Traffic improvements identified with this alternative as the responsibility of the Tribe may impact cultural resources.	S	Same as AA.
AE Under Alternative E, future development could result in similar impacts as AA, to a similar extent.	S	N/A

**4.7 SOCIOECONOMIC CONDITIONS**

AA Development of a casino could impact social services by increasing demands for assistance with problem gambling.	LTS	A. The Tribe shall pay an annual contribution of \$10,000 to an organization or organizations mutually agreed upon by the Tribe and the BIA to address problem gambling issues
AA Taking the project site into trust would remove a tax base from the City of Plymouth and County of Amador.	LTS	B. The Tribe shall provide payments to the City of Plymouth and Amador County for compensation of the impact of the Tribe's intended use of its trust lands. The Tribe shall make a one-time payment and/or annual payments, as determined appropriate. The exact amount of compensation shall be negotiated. The amount of payment shall be subject to annual review.
AA Development of Alternative A may adversely impact the Amador County Unified School District by increasing demands for services.	S	C. The Tribe shall contribute to school impact fee revenues to mitigate potential fiscal effects to the Amador County Unified School District by paying a one-time payment of \$107,610 to the School District.

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
AB Development of a casino could impact social services by increasing demands for assistance with problem gambling.	LTS	Same as AA.
AB Taking the project site into trust would remove tax base from the City of Plymouth and County of Amador.	LTS	Same as AA.
AB Development of Alternative B may adversely impact the Amador County Unified School District by increasing demands for services, to a lesser degree than AA.	LTS	D. The Tribe shall contribute to school impact fee revenues to mitigate potential fiscal effects to the Amador County Unified School District by paying a one-time payment of \$101,065 to the School District.
AC Development of a casino could impact social services by increasing demands for assistance with problem gambling.	LTS	Same as AA.
AC Taking the project site into trust would remove tax base from the City of Plymouth and County of Amador.	LTS	Same as AA.
AC Development of Alternative C may adversely impact the Amador County Unified School District by increasing demands for services, to a lesser degree than AA and AB.	LTS	E. The Tribe shall contribute to school impact fee revenues to mitigate potential fiscal effects to the Amador County Unified School District by paying a one-time payment of \$26,945 to the School District.
AD Taking the project site into trust would remove tax base from the City of Plymouth and County of Amador.	LTS	Same as AA.
AD Development of Alternative D may adversely impact the Amador County Unified School District by increasing demands for services, to a lesser degree than AA, AB, and AC.	LTS	F. The Tribe shall contribute to school impact fee revenues to mitigate potential fiscal effects to the Amador County Unified School District by paying a one-time payment of \$41,905 to the School District.
AD No casino would be developed thereby demands for assistance with problem gambling will no increase as a result of Alternative D.	NE	N/A
AE Under Alternative E, no impact would occur on socioeconomic conditions in the short-term. The Tribe would not benefit from the economic development proposed under the other alternatives. The tax base may increase for the City of Plymouth and Amador County through future non-tribal development of the site	NE	N/A

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
<b>4.8 RESOURCE USE</b>		
<i>Transportation</i>		
AA The alternative would result in impacting access to a private drive adjacent to the proposed northern access road to the project site.	S	A. Access from the northern intersection of Village Drive would be limited to right-in/right-out movements.
AA During special events at the event center, inbound/outbound traffic could impact access to and from the fire station.	S	B. The Tribe shall require at least three Tribal security personnel to be educated in traffic control procedures. These security personnel will perform traffic control at the access roads during special events at the event center to ensure that when fire/emergency vehicles need to leave the site, traffic control is provided at the exit to the service entrance to allow smooth movement of emergency vehicles
AA The alternative would generate new vehicle trips during construction that could impact the existing roadway network.	S	C. A traffic management plan shall be prepared to identify which lanes require closure, where night construction is proposed, and other standards set forth in the <i>Manual on Uniform Traffic Control Devices for Streets and Highways</i> (US DOT FHWA, 2003). The traffic management plan shall be submitted to each affected local jurisdiction and/or agency.  D. Prior to the finalization of construction plans, the Tribe shall work to notify all potentially affected parties in the immediate vicinity of the project site. Notification shall include a construction schedule, exact location of construction activities, duration of construction period, and alternative access provisions.  E. Also prior to the finalization of construction plans, the Tribe shall work with emergency service providers to avoid restricting emergency response service. Police, fire, ambulance, and other emergency response providers shall be notified in advance of the construction schedule, exact location of construction activities, duration of construction period, and any access restrictions that could impact emergency response services. Traffic Management Plans (TMPs) shall include details regarding emergency service coordination. Copies of the Traffic Management Plans shall be provided to all affected emergency service providers.

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
AA The alternative would generate new vehicle trips that would increase traffic volumes on the nearby street network. The traffic added to the study roadway segments by this alternative would contribute to the unacceptable operations of the several roadway segments and intersections.	S	<p>The following mitigation measures are measures that the Tribe is responsible for paying the full mitigation cost:</p> <p>F. SR 49 and Project Driveway. Signalize the intersection and split out the southbound approach combined through/left-turn lane into an exclusive left-turn lane and an exclusive through lane. As part of the intersection design, the northern Village Drive connection with SR 49 shall be restricted to right-in/right-out movements enforced by a raised median that would extend from the northern project driveway to just south of the northern Village Drive intersection. The southern Village Drive intersection shall continue to allow all vehicular movement.</p> <p>G. SR 49 and Service Access Driveway. Signalize the intersection.</p> <p>The following mitigation measures are measures that the Tribe is responsible for paying a proportionate share of the mitigation cost:</p> <p>H. SR 16 west of Old Sacramento Road. Based on traffic projections in the 2025 cumulative condition, this roadway segment will need to be widened to four lanes from Bradshaw Road to Old Sacramento Road. The Sacramento County General Plan of 1993 identified the need to widen SR 16 from Grant Line Road to Rancho Murieta (past Latrobe Road) to four lanes.</p> <p>I. SR 49 and Main Street. Based on traffic projections in the 2006 condition, the intersection would need to be signalized. Based on traffic projections in the 2025 cumulative condition, all approaches would need to be widened to include an exclusive left-turn lane and a combined through/right-turn lane. Improvements to this intersection are planned as noted in the Regional Transportation Plan (RTP).</p> <p>J. SR 49 and Empire Street. Based on traffic projections in the 2006 condition, the intersection would need to be signalized. Based on traffic projections in the 2025 cumulative condition, the northbound and southbound approaches would need to be widened to include an exclusive left-turn lane and a combined through/right-turn lane. Improvements to this intersection are planned as noted in the RTP. These improvements to this intersection shall also include signalization.</p> <p>K. SR 49 and SR 16. Based on traffic projections in the 2006 condition, this intersection would need to be signalized. This intersection</p>

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
		improvement is planned by Caltrans.
	L.	SR 16 and SR 124. Based on traffic projections in the 2025 cumulative condition, this intersection would need to be signalized.
	M.	SR 16 and Latrobe Road (Amador County). Based on traffic projections in the 2006 condition, an additional through lane shall be added to the eastbound and westbound approaches. Based on traffic projections in the 2025 cumulative condition, the intersection shall be signalized and the eastbound approach shall be widened to include an exclusive left-turn lane and a combined through/right-turn lane. Improvements to this intersection are planned in the RTP.
	N.	SR 104 (Preston) and SR 124. Based on traffic projections in the 2006 condition, this intersection would need to be signalized. Also, the northbound and westbound approaches would need to be widened to include an exclusive left-turn lane and a combined through/right-turn lane. The eastbound and westbound approaches shall be coded with split phasing. Improvements at this intersection are planned in the RTP.
	O.	SR 104 (Main Street) and SR 124 (Church Street). Based on traffic projections in the 2006 condition, the intersection would need to be signalized. Based on traffic projections in the 2025 cumulative condition, improvements at this intersection shall include widening the northbound approach to accommodate an exclusive left-turn lane and a combined through/right-turn lane.
	P.	SR 88 and SR 12 (East). Based on traffic projections in the 2006 condition, this intersection would need to be signalized. This intersection improvement is planned by Caltrans.
	Q.	SR 88 and SR 12 (West). Based on traffic projections in the 2006 condition, this intersection would need to be signalized. Based on traffic projections in the 2025 cumulative condition, this intersection would need to be widened at the eastbound approach to include an exclusive left-turn lane and a combined through/right-turn lane. The eastbound and westbound approaches shall be coded with split phasing. Signalization at this intersection is planned by Caltrans.
	R.	SR 88 and Kettleman Lane. Based on traffic projections in the 2025 cumulative condition, this intersection shall be widened at the eastbound approach to accommodate an exclusive left-turn lane and a

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
		combined through/right-turn lane.
	S.	SR 49 and Pleasant Valley Road. Based on traffic projections in the 2025 cumulative condition, this intersection would need to be signalized and the northbound approach would need to be widened to include an exclusive left-turn lane and an exclusive right-turn lane. Caltrans has no planned improvements at this intersection.
	T.	SR 16 and Stone House Road. Based on traffic projects in the 2006 conditions, an additional through lane is needed for the eastbound and westbound approaches. Based on traffic projections in the 2009 condition, improvements at this intersection shall include widening the eastbound approach to accommodate an exclusive left-turn lane and two through lanes. Also the intersection shall include widening the westbound approach to accommodate one through lane and one combined through/right-turn lane. Based on traffic projections in the 2025 cumulative condition, improvements at this intersection shall include signalizing the intersection. The Sacramento County General Plan of 1993 identified the need to widen SR 16 from Grant Line Road to the City of Rancho Murieta (past Latrobe Road) to four lanes.
	U.	SR 16 and Latrobe Road (Sacramento County). Based on traffic projections in the 2009 condition, an additional through lane would need to be added to the eastbound and westbound approaches. Based on traffic projections in the 2025 cumulative condition no improvements are available, as the intersection does not meet the Caltrans Peak Hour Warrant (Warrant 11). There are 10 other signal warrants possible that would need to be run to see if a signal is needed at this intersection, however only the Peak Hour traffic data was available. This would result in an unavoidable adverse effect.
	V.	SR 16 and Dillard Road. Based on traffic projections in the 2025 cumulative condition, improvements at this intersection shall include widening the northbound approach to accommodate an exclusive left-turn and right-turn lane. The Sacramento County General Plan of 1993 identified the need to widen SR 16 from Grant Line Road to Rancho Murieta (past Latrobe Road) to four lanes.
	W.	SR 16 and Sloughhouse Road. Based on traffic projections in the 2025 cumulative condition no improvements are available, as the intersection does not meet the Caltrans Peak Hour Warrant (Warrant 11). There are 10 other signal warrants possible that would need to be run to see if a signal is needed at this intersection, however, only the Peak Hour

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
		traffic data was available. This would result in an unavoidable adverse effect.
	X.	SR 16 and Grant Line Road. Based on traffic projections in the 2006 condition, this intersection would need to be widened at the northbound approach to accommodate a combined through/left-turn lane and an exclusive right-turn lane and widened at the southbound approach to include an exclusive left-turn lane and a combined through/right-turn lane. Based on traffic volumes in the 2025 cumulative condition, intersection improvements shall include widening the northbound and southbound approaches to include an exclusive left-turn lane, an exclusive through-lane and a combined through/right-turn lane with protected phasing. Additionally this intersection needs the eastbound and westbound approaches widened to accommodate an additional exclusive through-lane. The Sacramento County General Plan of 1993 identified the need to widen SR 16 from Bradshaw Road to Grant Line to six lanes, and from Grant Line Road to Rancho Murieta (past Latrobe Road) to four lanes.
	Y.	SR 16 and Sunrise Boulevard. Based on traffic projections in the 2025 cumulative condition, the southbound approach would need to be widened to add an exclusive left-turn lane, creating dual left-turn lanes and an additional through-lane. Also, the northbound, eastbound and westbound approaches shall be widened to accommodate an exclusive through-lane. The Sacramento County General Plan of 1993 identified the need to widen SR 16 from Bradshaw Road to Grant Line to six lanes.
	Z.	SR 16 and Excelsior Road. Based on traffic projections in the 2006 condition, this intersection would need to be signalized. Based on traffic projections in the 2025 cumulative condition, improvements at this intersection shall also include the widening of the eastbound and westbound approaches to accommodate an additional exclusive through-lane.
	AA.	SR 16 and Bradshaw Road. Based on traffic projections, in the 2025 cumulative condition, improvements at this intersection shall include the widening of the northbound and southbound approaches to accommodate an exclusive left-turn lane, creating dual left-turn lanes. Also the eastbound and westbound approaches shall be widened to accommodate an additional exclusive through-lane. The Sacramento County General Plan of 1993 identified the need to widen SR 16 from Bradshaw Road to Grant Line to six lanes.

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
		BB. A Traffic Management Plan (TMP) shall be prepared to identify which lanes require closure, where night construction is proposed, and other standards set forth in the <i>Manual on Uniform Traffic Control Devices for Streets and Highways</i> . The TMP shall be submitted to each affected local jurisdiction and/or agency. TMPs shall include details regarding emergency service coordination. Copies of the Traffic Management Plans shall be provided to all affected emergency service providers.
		CC. SR 104 (Preston) and SR 124. Widen the northbound approach and reconfigure to accommodate one left-turn lane, one through lane and one exclusive right-turn lane.
		DD. SR 16 and Lone Road. Signalize this intersection. This intersection meets Caltrans Warrant #11 for peak hour volume.
AB The alternative would result in impacting access to a private drive adjacent to the proposed northern access road to the project site.	S	Same as AA
AB During special events at the event center, inbound/outbound traffic could impact access to and from the fire station.	S	Same as AA
AB The alternative would generate new vehicle trips during construction that could impact the existing roadway network.	S	Same as AA
AB The traffic added to the study roadway segments by this alternative would contribute to the unacceptable operations of the several roadway segments and intersections. Potential impacts would be similar to those identified for AA; however, because the impacts would be reduced under this alternative, the proportionate share contributed by the Tribe for improvements would be less than that for AA.	S	Same as AA, except there is no mitigation necessary for measures 5.2.8.M and 5.2.8.P. Measure 5.2.8.H differs from Alternative A in that Alternative B does not need an additional through lane for the eastbound and westbound approaches, as identified in Alternative A based on traffic projections in the 2006 condition. The Tribe is responsible for paying a proportionate share of the mitigation cost.
AC The alternative would result in impacting access to a private drive adjacent to the proposed northern access road to the project site.	S	Same as AA
AC The alternative would generate new vehicle trips during construction that could impact the existing roadway network.	S	Same as AA

Less than Significant = LTS

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Not Applicable=N/A

**TABLE ES-1**  
SUMMARY OF POTENTIAL ENVIRONMENTAL EFFECTS, MITIGATION MEASURES, AND SIGNIFICANCE

ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
AC The traffic added to the study roadway segments by this alternative would contribute to the unacceptable operations of the several roadway segments and intersections. Potential impacts would be similar to those identified for AA and AB; however, because the impacts would be reduced under this alternative, the proportionate share contributed by the Tribe for improvements would be less than that for AA and AB.	S	Same as AA, except there is no mitigation necessary for measures; 5.2.8.C; 5.2.8.M; and 5.2.8.P. In addition to the recommended mitigation measure 5.2.8.B described for Alternative A, under Alternative C, based on traffic projections in the 2025 cumulative condition, left turns will need to be prohibited from exiting the driveway. The Tribe is responsible for paying the full mitigation cost.  Measure 5.2.8.H differs from Alternative A in that Alternative C does not need an additional through lane for the eastbound and westbound approaches, as identified in Alternative A based on traffic projections in the 2006 condition. The Tribe is responsible for paying a proportionate share of the mitigation cost.
AD The alternative would result in impacting access to a private drive adjacent to the proposed northern access road to the project site.	S	Same as AA
AD The alternative would generate new vehicle trips during construction that could impact the existing roadway network.	S	Same as AA
AD The traffic added to the study roadway segments by this alternative would contribute to the unacceptable operations of the several roadway segments and intersections. Potential impacts would be similar to those identified for AA, AB and AC; however, because the impacts would be reduced under this alternative, the proportionate share contributed by the Tribe for improvements would be less than that for AA, AB and AC.	S	Same as AA, except there is no mitigation necessary for measures 5.2.8.C, 5.2.8.M and 5.2.8.P. Measure 5.2.8.H differs from Alternative A in that Alternative D does not need an additional through lane for the eastbound and westbound approaches, as identified in Alternative A based on traffic projections in the 2006 condition. The Tribe is responsible for paying a proportionate share of the mitigation cost.
AE The traffic conditions under Alternative E would be the same as described for the baseline conditions. Roads that are planned for improvement will still be improved under City or County Plans. Future development of non-tribal projects would be required to prepare a traffic study similar to that prepared for AA through AD. Impacts could potentially be similar to those described above.	S	N/A
<b>Land Use</b>		
AA The City project parcels are designated as Commercial by the City of Plymouth General Plan. The proposed commercial development on these parcels would be consistent with this zone. Four of the eight city parcels are zoned within the scenic combined (SC) zoning district. The proposed commercial development within this zone would be consistent with the SC zone.	LTS	EE. The Tribe will provide the City of Plymouth with design plans for proposed developments on the project site to solicit input regarding the City's design review guidelines to further the City's goals addressed by the City of Plymouth Zoning Ordinance.

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**SUMMARY OF POTENTIAL ENVIRONMENTAL EFFECTS, MITIGATION MEASURES, AND SIGNIFICANCE**

ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES		
<p>Development on County parcels would not be consistent with the Residential Suburban designation. Parcels 2, 3 and 12 are zoned Single Family Residential Agricultural District (R1-A) by the County of Amador. Parcel 1 is zoned Special Use (X). Development on Parcel #1 and Parcel #3 would not be consistent with the R1-A Zone. Development on Parcel #1 could be consistent with the X Zone subject to approval by the County. Following approval of the Section 151 Trust Acquisition, the proposed project parcels would be exempt from City and County land use regulations. The only applicable land use regulations on the Reservation are those that are Tribal.</p>				
<p>While the County would not have jurisdiction on tribal land, the County will be provided with the development proposal for comments and review.</p>				
<p>AB The City project parcels are designated as Commercial by the City of Plymouth General Plan. The proposed commercial development on these parcels would be consistent with this zone. Four of the eight city parcels are zoned within the scenic combined (SC) zoning district. The proposed commercial development within this zone would be consistent with the SC zone.</p>	LTS	Same as AA.		
<p>Development on County parcels would not be consistent with the Residential Suburban designation. Parcels 2, 3 and 12 are zoned Single Family Residential Agricultural District (R1-A) by the County of Amador. Parcel 1 is zoned Special Use (X). Development on Parcel #1 and Parcel #3 would not be consistent with the R1-A Zone. Development on Parcel #1 could be consistent with the X Zone subject to approval by the County. Following approval of the Section 151 Trust Acquisition, the proposed project parcels would be exempt from City and County land use regulations. The only applicable land use regulations on the Reservation are those that are Tribal.</p>				
<p>While the County would not have jurisdiction on tribal land, the County will be provided with the development proposal for comments and review.</p>				
<p>AC The City project parcels are designated as Commercial by the City of Plymouth General Plan. The proposed commercial development on these parcels would be consistent with this zone. Four of the eight city parcels are zoned within the scenic combined (SC) zoning district. The proposed commercial development within this zone would be consistent with the SC zone.</p>	LTS	Same as AA.		
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**SUMMARY OF POTENTIAL ENVIRONMENTAL EFFECTS, MITIGATION MEASURES, AND SIGNIFICANCE**

ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
<p>Development on County parcels would not be consistent with the Residential Suburban designation. Parcels 2, 3 and 12 are zoned Single Family Residential Agricultural District (R1-A) by the County of Amador. Parcel 1 is zoned Special Use (X). Development on Parcel #1 and Parcel #3 would not be consistent with the R1-A Zone. Development on Parcel #1 could be consistent with the X Zone subject to approval by the County. Following approval of the Section 151 Trust Acquisition, the proposed project parcels would be exempt from City and County land use regulations. The only applicable land use regulations on the Reservation are those that are Tribal.</p> <p>While the County would not have jurisdiction on tribal land, the County will be provided with the development proposal for comments and review.</p>		
<p>AD The City project parcels are designated as Commercial by the City of Plymouth General Plan. The proposed commercial development on these parcels would be consistent with this zone. Four of the eight city parcels are zoned within the scenic combined (SC) zoning district. The proposed commercial development within this zone would be consistent with the SC zone.</p>	LTS	Same as AA.
<p>Development on County parcels would not be consistent with the Residential Suburban designation. Parcels 2, 3 and 12 are zoned Single Family Residential Agricultural District (R1-A) by the County of Amador. Parcel 1 is zoned Special Use (X). Development on Parcel #1 and Parcel #3 would not be consistent with the R1-A Zone. Development on Parcel #1 could be consistent with the X Zone subject to approval by the County. Following approval of the Section 151 Trust Acquisition, the proposed project parcels would be exempt from City and County land use regulations. The only applicable land use regulations on the Reservation are those that are Tribal.</p> <p>While the County would not have jurisdiction on tribal land, the County will be provided with the development proposal for comments and review.</p>		
<p>AE All current land uses would be retained. However, future development may result in requested changes to the land use designations on the project site. However, changes in land use would require County/City approval.</p>	NE	N/A

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SUMMARY OF POTENTIAL ENVIRONMENTAL EFFECTS, MITIGATION MEASURES, AND SIGNIFICANCE

ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES		
<b><i>Agriculture</i></b>				
AA The project site does not contain prime or unique farmlands, or farmland of statewide importance. The City of Plymouth and the County of Amador Planning Department have not issued or identified any Williamson Act contracts.	LTS	None recommended.		
AB Same as AA.	LTS	Same as AA.		
AC Same as AA.	LTS	Same as AA.		
AD Same as AA.	LTS	Same as AA.		
AE Land zoned for agricultural uses would not be lost and current land use would continue. Long-term impacts would be similar to AA.	LTS	N/A		
<b>4.9 PUBLIC SERVICES</b>				
<b><i>Water Supply</i></b>				
AA Alternative A would either connect to the municipal system after completion of the Plymouth Pipeline, which would have sufficient capacity, or develop an on-site water supply system that would not impact the municipal system.	LTS	None Recommended.		
AB Alternative B would either connect to the municipal system after completion of the Plymouth Pipeline, which would have sufficient capacity, or develop an on-site water supply system that would not impact the municipal system.	LTS	Same as AA.		
AC Alternative C would either connect to the municipal system after completion of the Plymouth Pipeline, which would have sufficient capacity, or develop an on-site water supply system that would not impact the municipal system.	LTS	Same as AA.		
AD Alternative D would either connect to the municipal system after completion of the Plymouth Pipeline, which would have sufficient capacity, or develop an on-site water supply system that would not impact the municipal system.	LTS	Same as AA.		
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SUMMARY OF POTENTIAL ENVIRONMENTAL EFFECTS, MITIGATION MEASURES, AND SIGNIFICANCE

ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
AE Water supply will not be affected under the No Action Alternative in the short-term. In the long-term, non-tribal development would be required to show adequate capacity is available from the city prior to project permitting..	LTS	N/A
<b>Wastewater</b>		
AA Alternative A will develop an on-site WWTP.	LTS	None Recommended.
AB Alternative B will develop an on-site WWTP.	LTS	Same as AA.
AC Alternative C will develop an on-site WWTP..	LTS	Same as AA.
AD Alternative D will develop an on-site WWTP..	LTS	Same as AA.
AE Wastewater will not be affected under the No Action Alternative in the short-term. In the long-term, development will require upgrades to the City WWTP, which currently has inadequate capacity to meet peak demands.	NE	N/A
<b>Solid Waste</b>		
AA Construction of the proposed project would result in temporary increase of solid waste generation.	LTS	<p>A. Construction waste shall be recycled to the fullest extent practicable by diverting green waste and recyclable building materials from the solid waste stream.</p> <p>B. Acquiring environmentally preferable materials to the extent practical for construction of facilities.</p>
AA Solid waste generation from operational uses is estimated at 6.25 tons per year.	LTS	<p>C. Installation of a trash compactor for cardboard and paper products.</p> <p>D. Installation of recycling bins throughout the facilities for glass, cans and paper products.</p>
AB Construction of AB would result in temporary increase of solid waste generation.	LTS	Same as AA (A & B).

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
AB Solid waste generation from operational uses is estimated at 5.3 tons per year.	LTS	Same as AA (C & D).
AC Construction of AC would result in temporary increase of solid waste generation.	LTS	Same as AA (A & B).
AC Solid waste generation from operational uses is estimated at 3.48 tons per year.	LTS	Same as AA (C & D).
AD Construction of AD would result in temporary increase of solid waste generation.	LTS	Same as AA (A & B).
AD Solid waste generation from operational uses is estimated at 0.59 tons per year.	LTS	Same as AA (C & D).
AE No increased development would take place under this alternative. Thus, AE would not result in increased solid waste production.	NE	N/A
<b><i>Electricity, Natural Gas, and Telecommunications</i></b>		
AA Demand from the operation of AA would result in the overloading of the existing power line feeding the project site.	S	E. The Tribe will fund the upgrade of the existing lines in accordance with PG&E engineers' recommendations.

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES		
AB Demand from the operation of AB would result overloading of the existing power line feeding the project site.	LTS	Same as AA.		
AC Demand from the operation of AC would result overloading of the existing power line feeding the project site.	LTS	Same as AA.		
AD Demand from the operation of AD would result overloading of the existing power line feeding the project site.	LTS	Same as AA.		
AE No increased development would take place under this alternative in the short-term. Long-term development would be required to upgrade the existing lines, similar to AA through AD.	NE	N/A		
<b>Public Health and Safety</b>				
<b>Law Enforcement</b>				
AA The operation of the gaming facilities may result in an increase in law enforcement demands of the Amador County Sheriff's Office, judicial services, and California Highway Patrol (CHP) services.	S	<p>F. The Tribe shall adopt a Responsible Alcoholic Beverage Policy that shall include but not be limited to carding patrons and refusing service to those who have had enough to drink. This policy shall be discussed with the CHP and the Amador County Sheriff's Office.</p> <p>G. All parking areas shall be well lit and monitored by parking staff, and/or roving security guards at all times during operation. This will aid in the prevention of auto theft and other related criminal activity.</p> <p>H. Areas surrounding the gaming facilities shall have "No Loitering" signs in place, shall be well lit and shall be patrolled regularly by roving security guards. This will aid in the prevention of illegal loitering and all crimes that relate to, or require illegal loitering.</p> <p>I. The Tribe shall provide traffic control with appropriate signage and the presence of peak-hour traffic control staff. This will aid in the prevention of off-site parking, which could create possible security issues.</p> <p>J. The Tribe shall consult with Amador County to assess and reasonably address the potential impacts to County law enforcement services, including increased activities of the Amador County District Attorney's office.</p>		
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**TABLE ES-1**  
SUMMARY OF POTENTIAL ENVIRONMENTAL EFFECTS, MITIGATION MEASURES, AND SIGNIFICANCE

ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES		
		<p>K. The Tribe shall provide payments to the Amador County Sheriff's Office to provide for one officer to be based in Plymouth on a 24 hour a day/ 7 day a week basis. This would require the addition of 6.5 officers. The Tribe shall negotiate the exact amount of compensation for services with the Amador County Sheriff's Office. The amount of payment shall be subject to annual review.</p> <p>L. The Tribe shall provide payments to Amador County to mitigate any impacts to the Amador County District Attorney's office services. The Tribe shall negotiate the exact amount of compensation with Amador County. The amount of payment shall be subject to annual review.</p> <p>M. The Tribe shall consult with the CHP to assess and mitigate potential impacts to CHP services in the area.</p> <p>N. The Tribe shall negotiate in good faith to make a reasonable contribution to Amador County to address impacts to emergency dispatching in Amador County. The amount of payment shall be subject to annual review.</p>		
AB The operation of the gaming facilities may result in law enforcement demands on the Amador County Sheriff's Office, judicial services, and CHP services.	S	Same as AA.		
AC The operation of the gaming facilities may result in law enforcement demands on the Amador County Sheriff's Office, judicial services, and CHP services.	S	Same as AA.		
AD The operation of commercial facilities may result in law enforcement demands on the Amador County Sheriff's Office, judicial services, and CHP services.	S	Same as AA		
AE No increased development would take place under this alternative during the short. Long-term development would result in increased demand for law enforcement services.	NE	N/A		
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**TABLE ES-1**  
SUMMARY OF POTENTIAL ENVIRONMENTAL EFFECTS, MITIGATION MEASURES, AND SIGNIFICANCE

ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
<b>Fire and Emergency Services</b>		
AA Under this alternative, increased demand for fire protection and emergency medical services may occur during construction and/or operation.	LTS	None Recommended. These facilities have been incorporated into the Proposed Action.
AB Under this alternative, increased demand for fire protection and emergency medical services may occur during construction and/or operation.	LTS	Same as AA.
AC Under this alternative, increased demand for fire protection and emergency medical services may occur during construction and/or operation.	LTS	Same as AA.
AD Under this alternative, increased demand for fire protection and emergency medical services may occur during construction and/or operation.	LTS	Same as AA.
AE No increased development would take place under this alternative during the short-term and a fire station would not be constructed on the project site. Long-term development would result in increased demand for public services.	NE	N/A

**4.10 OTHER VALUES**

**Noise**

AA This alternative has the potential to affect the existing ambient noise environment in the immediate project vicinity. Under this alternative parking areas, loading docks, and mechanical equipment have the potential to increase off-site noise levels and affect nearby residences. Construction activities would result in short-term increases in the local ambient noise environment in excess of the 5 dB threshold of significance.	S	A.	Construction activities shall be limited to normal daytime hours to the extent feasible.
		B.	Noise walls or earthen berms shall be constructed to reduce the effect of on-site traffic noise on nearby residences to below 45 Leq. The noise walls or earthen berms shall be designed to reduce noise levels from parking lot activities on residences to the northwest by 4 dBA and designed to reduce parking lot noise on residences too the southwest by 8 dBA.
		C.	Noise attenuation walls shall be constructed on the west end of the service court to block the line of site between the loading dock areas and the off-site residences to the west. In combination with the walls identified in measure 4.10.B, these walls need to reduce loading dock noise below 45 Leq at the nearest off-site residential receptor.
		D.	Roof mounted mechanical equipment shall be designed and installed

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES
AA Traffic improvements identified with this alternative as the responsibility of the Tribe may increase off-site noise levels.	S	so that noise levels from the mechanical equipment shall not exceed 45 Leq at existing residential property lines.
AB This alternative has the potential to affect the existing ambient noise environment in the immediate project vicinity.	S	E. The Tribe shall contribute to the funding of the environmental review and mitigation for traffic improvements identified in <b>Section 5.2.8</b> . The contribution shall be based on the amount of traffic generated by land uses on the 228.04± acre site as a percentage of the overall traffic volume. If improvements are identified within this document as the sole responsibility of the Tribe, the Tribe's contribution must provide 100 percent of the necessary funds. The Tribe's contribution shall include the cost of preparing environmental documents and the cost of mitigation for traffic noise, including but not limited to the installation of sound walls. The Tribe's contribution shall be provided to the agency undertaking the improvement (e.g. Caltrans, Amador County, City of Plymouth).
AB Traffic improvements identified with this alternative as the responsibility of the Tribe may increase off-site noise levels.	S	Same as AA.
AC This alternative has the potential to affect the existing ambient noise environment in the immediate project vicinity.	S	Same as AA.
AC Traffic improvements identified with this alternative as the responsibility of the Tribe may increase off-site noise levels.	S	Same as AA.
AD This alternative has the potential to affect the existing ambient noise environment in the immediate project vicinity.	S	Same as AA, except instead of having the noise walls or earthen berms designed to reduce noise levels from parking lot activities on residences to the northwest by 4 DBA and to the southwest by 8 dBA, Alternative D shall not need noise walls for residences to the northwest, while residences to the southwest would need attenuation of 14dBA.
AD Traffic improvements identified with this alternative as the responsibility of the Tribe may increase off-site noise levels.	S	Same as AA.
AE Under Alternative E, no noise effects would occur.	NE	N/A

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ENVIRONMENTAL EFFECT	LEVEL OF SIGNIFICANCE BEFORE MITIGATION	MITIGATION MEASURES		
<b><i>Hazards and Hazardous Materials</i></b>				
AA Construction and operation has the potential to result in the release of hazardous materials to the environment.	S F.	<p>Personnel shall follow written standard operating procedures (SOPs) for filling and servicing construction equipment and vehicles, including appropriate storage of fluids. The SOPs, which are designed to reduce the potential for incidents involving the hazardous materials, shall include the following:</p> <ol style="list-style-type: none"> <li>1. Refueling shall be conducted only with approved pumps, hoses, and nozzles.</li> <li>2. Catch-pans shall be placed under equipment to catch potential spills during servicing.</li> <li>3. All disconnected hoses shall be placed in containers to collect residual fuel from the hose.</li> <li>4. Vehicle engines shall be shut down during refueling.</li> <li>5. No smoking, open flames, or welding shall be allowed in refueling or service areas.</li> <li>6. Refueling shall be performed away from bodies of water to prevent contamination of water in the event of a leak or spill.</li> <li>7. Service trucks shall be provided with fire extinguishers and spill containment equipment, such as absorbents.</li> <li>8. Should a spill contaminate soil, the soil shall be put into containers and disposed of in accordance with local, state, and federal regulations.</li> <li>9. All containers used to store hazardous materials shall be inspected at least once per week for signs of leaking or failure. All maintenance and refueling areas shall be inspected monthly. Results of inspections shall be recorded in a logbook that shall be maintained onsite.</li> <li>10. Staging areas, welding areas, or areas slated for development using spark-producing equipment shall be cleared of dried vegetation or other materials that could serve as fire fuel. To the</li> </ol>		
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		<p>extent feasible, the contractor shall keep these areas clear of combustible materials in order to maintain a firebreak.</p> <p>11. Any construction equipment that normally includes a spark arrester shall be equipped with an arrester in good working order.</p> <p>G. The amount of hazardous materials used in project construction and operation shall be consistently kept at the lowest volumes needed.</p> <p>H. The least toxic material capable of achieving the intended result are consistently used to the extent practicable.</p> <p>I. A hazardous materials and hazardous waste minimization program shall be developed, implemented, and reviewed annually by the Tribe to determine if additional opportunities for hazardous materials and hazardous waste minimization are feasible, for both project construction and operation.</p> <p>J. The contractor shall be requested to avoid and minimize the use of hazardous materials during the project's construction to the fullest extent practicable.</p> <p>K. Minimize use of pesticides and toxic chemicals to the greatest extent feasible in landscaping or use less toxic alternatives.</p> <p>L. A trained inspector shall be hired to test the existing on-site residences that will be demolished for lead based paint. If lead based paint is found at existing on site residences, all applicable Occupational Safety and Health Administration (OSHA) regulations shall be complied with.</p>
AB Construction and operation has the potential to result in the release of hazardous materials to the environment.	S	Same as AA.
AC Construction and operation has the potential to result in the release of hazardous materials to the environment.	S	Same as AA.

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AD Construction and operation has the potential to result in the release of hazardous materials to the environment.	S	Same as AA.
AE Under Alternative E, no impacts to hazardous materials would occur in the short-term. Long-term development would introduce potential sources of hazardous materials incidents to the project site.	S	N/A
<b>Visual Resources</b>		
AA The proposed structures would be architecturally designed to be complementary to the surrounding through low impact landscaping and lighting design. A majority of the development on the project site would be shielded from the Highway 49 due to existing development and the topography of the site along the highway. This is considered a less than significant effect.	LTS	N/A
AB Same as AA.	NE	Same as AA.
AC Same as AA.	NE	Same as AA.
AD Same as AA.	NE	Same as AA.
AE Existing land uses would persist and no new impacts to visual resources would occur in the short-term. Long-term development could result in altering the visual character from rural residential/open space to medium density residential.	S	N/A

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Not Applicable=N/A