

INITIAL STUDY CHECKLIST

I. Aesthetics

	Potentially Significant	Less Than Significant	No Impact
a. Have a substantial adverse effect on a scenic vista?			X
b. Substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?			X
c. In non-urbanized area, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?			X
d. Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?	X		
Discussion: All proposed project activities would occur below ground and within the County Road Right of Way (ROW). After construction, the site would be restored to pre-construction viewshed; thus, the project would have no impact on a scenic vista,			

scenic resources, visual character and/or new source of light and glare. The project has the potential for nighttime lighting if overnight construction is required. Refer to Chapter 3 for additional information.

II. Agricultural & Forestry Resources

	Potentially Significant	Less Than Significant	No Impact
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?			X
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?			X
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?			X
d) Result in the loss of forest land or conversion of forest land to non-forest use?			X
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?			X

Discussion: The proposed project would occur with the County ROW of Hood-Franklin Road and within the Community of Franklin. The project site does not include nor is it adjacent to forested land. The proposed project would connect to the existing zoned densities in the Community of Hood and does not include agricultural zoning or land use designations. Therefore, the proposed project would have no impact with regards to forestry and agricultural resources.

III. Air Quality

	Potentially Significant	Less Than Significant	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?		X	
b) Result in a cumulatively considerable net increase of any criteria for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	X		
c) Expose sensitive receptors to substantial pollutant concentrations?		X	
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?		X	
Discussion: Construction would involve typical construction activities that would release air quality emissions. The Road Emissions Model is used to calculate emissions associated with the project. Refer to Chapter 8 for additional information.			

IV. Biological Resources

	Potentially Significant	Less Than Significant	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	X		
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	X		
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	X		
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	X		
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	X		
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	X		

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	Potentially Significant	Less Than Significant	No Impact
<p>Discussion: The proposed project would involve ground-disturbing activities and the impacts associated with construction activities are considered potentially significant. The project area contains habitat that could support special status plant and animal species. Additionally, the forcemain alignment would require crossing several waterways that are potentially jurisdictional. A Biological Resources Assessment and Aquatic Resources Delineation has been prepared to support the analysis of the impacts associated with the proposed project. The project site is located within the South Sacramento Habitat Conservation Plan (SSHCP) boundary but is not within the urban development area, and is not considered a covered activity under the SSHCP. In addition, the proposed project would occur adjacent to the Stone Lakes Wildfire Refuge. Refer to Chapter 6 for additional information.</p>			

V. Cultural Resources

	Potentially Significant	Less Than Significant	No Impact
a) Cause a substantial adverse change in the significance of an historic resource pursuant to in Section 15064.5?			X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	X		
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	X		
<p>Discussion: The project consists of ground disturbing activities that carry the potential for subsurface cultural remains/deposits and/or human remains to be found on the project site and the impacts are considered potentially significant. A Cultural Resources Assessment has been prepared to support the analysis of the impacts associated with the proposed project. Refer to Chapter 7 for additional information.</p>			

VI. Energy

	Potentially Significant	Less Than Significant	No Impact
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?		X	
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?		X	
<p>Discussion: Construction of the project would involve typical construction activities that could require use of energy. Operation of the project would not require additional sources of energy. The project does not involve activities that would result in an obstruction with any plans associated with renewable energy or energy efficiency. Impacts are less than significant. Refer to the Air Quality and Climate change chapters for additional information regarding construction activities and associated equipment needs.</p>			

VII. Geology, Soils, and Paleontological Resources

	Potentially Significant	Less Than Significant	No Impact
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:		X	
i) Ruptures of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to Division of Mines and Geology Special Publication 42.)		X	
ii) Strong seismic ground shaking?		X	
iii) Seismic-related ground failure, including liquefaction?		X	
iv) Landslides?		X	
b) Result in substantial soil erosion or the loss of topsoil?		X	
c) Be located in a geological unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?		X	
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?		X	

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	Potentially Significant	Less Than Significant	No Impact
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?			X
f) Directly or indirectly destroy a unique paleontological resource or site or unique geological feature?	X		
Discussion: The project consists of ground disturbing activities that carry the potential for impacts to unknown paleontological resources and/or unique geological features or potential substantial adverse effects involving soil characteristics. Refer to Chapter 12 of the EIR for additional information.			

VIII. Greenhouse Gases

	Potentially Significant	Less Than Significant	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	X		
b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	X		
Discussion: The proposed project would involve typical construction activities that would result in the release of greenhouse gas emissions and the impacts are considered potentially significant. The project would not result in significant emissions related to operational characteristics. Refer to Chapter 9 for additional information and modeling considerations.			

IX. Hazards and Hazardous Materials

	Potentially Significant	Less Than Significant	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	X		
b) Create a significant hazard to the public or the environment though reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	X		
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?			X
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?			X
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?			X
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	X		

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	Potentially Significant	Less Than Significant	No Impact
g) Expose people or structures either directly or indirectly to a significant risk of loss, injury or death involving wildland fires?	X		
<p>Discussion: Project site is not located within 0.25 miles of an existing school and therefore the project would have no impact to school services. In addition, the project site is not located in the vicinity of a public or private airport and is not within an airport land use area. Additionally, the project site would occur entirely within the existing County ROW and is not located on a list compiled pursuant to Government Code Section 65962.5. Therefore, the project would have no impact. Project implementation would require the construction of the sewer line and would require the transportation of petroleum using machinery, which could result in a spill of hazardous materials; thus, the impacts are considered potentially significant. The project area is within a Local Response Area where fire protection is provided by Metro Fire. In the event of a grass fire within or adjacent to the Plan Area, Metro Fire would respond. Refer to Chapter 14 of the EIR for additional information.</p>			

X. Hydrology and Water Quality

	Potentially Significant	Less Than Significant	No Impact
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	X		
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?		X	

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	Potentially Significant	Less Than Significant	No Impact
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:		X	
i) result in substantial erosion or siltation on or off-site;	X		
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;		X	
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater systems or provide substantial additional sources of polluted runoff; or		X	
iv) impede or redirect flood flows?		X	
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?			X
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?			X
<p>Discussion: Project implementation would require the construction of the sewer line and would result in ground disturbing activities. In addition, the community of Hood, and therefore, the project site, is located with an AE flood zone on the FEMA flood maps. While the project is located near the Sacramento River and within the flood zone, the project is not located near a dam that would put the project site in a seiche zone nor is the project located near the coast that would put the project in a tsunami zone. Additionally, the project would not increase the demand for water, install new wells, or substantially alter the level of impervious surfaces of the site and thus would have no impact on groundwater recharge or the management of a groundwater basin. The proposed project would not result in any above ground structures and all disturbance associated</p>			

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	Potentially Significant	Less Than Significant	No Impact
with project construction would be returned to pre-construction condition after construction is complete. Refer to Chapter 13 for additional information.			

XI. Land Use and Planning

	Potentially Significant	Less Than Significant	No Impact
a) Physically divide an established community?			X
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation of an agency adopted for the purpose of avoiding or mitigating an environmental effect?	X		
<p>Discussion: The proposed project would serve the existing community of Hood with sewer service at existing zone densities and would not result in a physical divide of the community of Hood or nearby incorporated or unincorporated communities. The project would occur outside of the existing Urban Services Boundary and growth inducement is considered potentially significant. Refer to Chapter 4 for additional information.</p>			

XII. Mineral Resources

	Potentially Significant	Less Than Significant	No Impact
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?			X
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?			X

Discussion: All proposed project activities would occur below ground and within the County Road Right of Way (ROW). The project site is not located within an area with known mineral resources and the project would occur within the County ROW, which prohibits mineral recovery activities. Therefore, the proposed project would have no impact.

XIII. Noise

	Potentially Significant	Less Than Significant	No Impact
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	X		
b) Generation of excessive ground borne vibration of ground borne noise levels?		X	
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?			X
<p>Discussion: The project site is not located in the vicinity of a public or private airport and is not within an airport land use area; therefore, the project would have no impact. The project site would require noise-generating construction during an approximately 16-month construction period, with the potential need for overnight construction. Therefore, the impacts are considered potentially significant. Refer to Chapter 10 for additional information.</p>			

XIV. Population and Housing

	Potentially Significant	Less Than Significant	No Impact
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	X		
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?			X
<p>Discussion: The project would not require the demolition of any existing structures and would not result in the displacement of existing people. In general, the extension of sewer lines into rural areas could carry the potential for unplanned growth by providing capacity that could serve more than the existing community; thus, the impact is considered potentially significant. Refer to Chapter 4 for additional information.</p>			

XV. Public Services

	Potentially Significant	Less Than Significant	No Impact
Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any the public services:			
a) Fire protection?		X	

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b) Police protection?		X	
c) Schools?		X	
d) Parks?		X	
e) Other public facilities?		X	
<p>Discussion: The proposed project does not include activities that would result in an increase in population that would subsequently increase the demand for fire protection, police protection, schools, parks and other public facilities. Therefore, the project would have no impact on these resources. The potential for growth inducement would be addressed under the Population and Housing chapter and the potential conflict with general plan policies would be addressed under the Land Use and Planning chapter. Refer to Chapter 5 for additional information.</p>			

XVI. Recreation

	Potentially Significant	Less Than Significant	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that physical deterioration of the facility would occur or be accelerated?			X
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?			X
<p>Discussion: The proposed project does not include activities that would result in an increase in population that would subsequently increase the demand for recreation facilities. Therefore, the project would have no impact. The potential for growth inducement would be addressed under the Population and Housing chapter and the potential conflict with general plan policies would be addressed under the Land Use and Planning chapter.</p>			

XVII. Transportation

	Potentially Significant	Less Than Significant	No Impact
a) Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?			X
b) Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?			X
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?			X
d) Result in inadequate emergency access?	X		
<p>Discussion: The proposed project does not include activities that would result in an increase in population that would subsequently conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities. In addition, the project would not result in the development of land uses associated with an increase in vehicle miles traveled (VMT). Therefore, the project would have no impact. During construction, the proposed project might require the closure of one or more lanes along Hood-Franklin Road and along service streets within the community of Hood. However, the project would not alter the form of the roadway and therefore would not result in increased hazards due to a geometric design feature or incompatible uses. Lane closures carry the potential to impact emergency access. This potential impact will be discussed further in the Hazards chapter (Chapter 14).</p>			

XVIII. Tribal Cultural Resources

	Potentially Significant	Less Than Significant	No Impact
a) Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:			
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k), or ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American Tribe.	X		
<p>Discussion: Ground disturbing activities carry the potential to unearth previously unknown tribal cultural resources and the impacts are considered potentially significant. Refer to Chapter 11 for additional information.</p>			

XIX. Utilities and Service Systems

	Potentially Significant	Less Than Significant	No Impact
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	X		
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	X		
c) Result in a determination by the wastewater treatment provider which serves the project that it has adequate capacity to serve the project's projected demand in addition of the provider's existing commitments?	X		
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?			X
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?		X	
<p>Discussion: The proposed project would expand to include the community of Hood into the SASD service area and thus would potentially impact the capacity of existing facilities. The construction of the project would require the use of horizontal boring which requires water use, and limited hauling of potential construction waste offsite. Refer to Chapter 5 for additional information.</p>			

XX. Wildfire

	Potentially Significant	Less Than Significant	No Impact
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project, would the Project:			
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?		X	
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?		X	
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?		X	
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?		X	
<p>Discussion: The proposed project would occur in a remote portion of the County and is not located in a state responsibility area. During construction, the proposed project might require the closure of one or more lanes along Hood-Franklin Road and along service streets within the community of Hood. Lane closures carry the potential to impact emergency access. Refer to Chapter 14 for additional information.</p>			