

**Draft Initial Study / Environmental Checklist  
City of Chico**

**I. PROJECT DESCRIPTION**

- A. Project Title:** Chico River Road Trunk Line Installation Project
- B. Project Location:** Chico River Road from the City’s Water Pollution Control Plant (WPCP) easterly to Miller Avenue near the City of Chico limit line (approx. 3.4 miles) **(Figure 1)**
- C. Application(s):** City of Chico Capital Improvement Project # 17009
- D. Assessor’s Parcel Number (APN):** N/A; Butte County Chico River Road Right-of-Way (ROW)
- E. Project Size:** The project is approximately 3.4 miles long and located entirely within existing ROW.
- F. General Plan Designation:** N/A (County ROW)
- G. City of Chico Zoning:** N/A (County ROW)
- H. Environmental Setting:** The project will be constructed within the existing public ROW, beneath the existing paving of Chico River Road. The 3.4 mile project length is agricultural in nature and comprised mainly of rural residences and orchards. Construction will occur outside of the Chico urban area.
- I. Project Description:** The project consists of the non-capacity increasing replacement of existing sewer trunk line with approximately 18,000 linear feet of 24 inch sewer trunk line along Chico River Road from the City of Chico Water Pollution Control Plant (WPCP) easterly to Miller Avenue. Trenching ranging in depth from 3-15 feet will occur primarily within the eastbound lane of Chico River Road to install the replacement sewer line beneath the existing roadway. The project includes the in-place abandonment and, in a limited area, the removal of existing adjacent 18 inch, 14 inch, and 12 inch sewer trunk lines and manholes. The project will be finalized with a complete slurry seal of Chico River Road (approximately 28 foot in width) over the entire length of the project limits. Typical facilities to be constructed shall include 24 inch sanitary sewer pipeline and appurtenances; asphaltic slurry seal; installation of pavement markers, striping, and thermoplastic pavement markings. There are no permanent above ground structures associated with the project. The project schedule is designed to minimize conflict with local agricultural operations associated with almond harvest, hulling, and hauling operations, particularly near Miller Road.
- J. Surrounding Land Uses:** The project is located within existing Butte County ROW (Chico River Road), which is flanked by very low density residential uses closer to the Chico urban area transitioning to properties both zoned and designated by Butte County for agricultural uses toward the WPCP.
- K. Public Agency Approvals:** Butte County approval of construction plans.
- L. Project Sponsor/Lead Agency:**  
City of Chico  
PO Box 3420  
Chico, CA 95927
- Property Owners:**  
Butte County  
7 County Center Drive  
Oroville, CA 95965
- City of Chico**  
PO Box 3420  
Chico, CA 95927
- M. Prepared By:**  
Tracy R. Bettencourt – MPA, AICP  
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**II. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED**

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

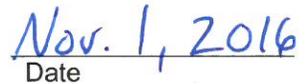
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|--|--|--|
| <input type="checkbox"/> Aesthetics                      | <input type="checkbox"/> Geology/Soils               | <input type="checkbox"/> Open Space/Recreation                 |
| <input type="checkbox"/> Agriculture and Forest          | <input type="checkbox"/> Hazards/Hazardous Materials | <input type="checkbox"/> Population/Housing                    |
| <input type="checkbox"/> Air Quality                     | <input type="checkbox"/> Hydrology/Water Quality     | <input type="checkbox"/> Public Services                       |
| <input checked="" type="checkbox"/> Biological Resources | <input type="checkbox"/> Land Use and Planning       | <input checked="" type="checkbox"/> Transportation/Circulation |
| <input checked="" type="checkbox"/> Cultural Resources   | <input type="checkbox"/> Noise                       | <input type="checkbox"/> Utilities                             |

**III. PLANNING DIRECTOR DETERMINATION**

On the basis of this initial evaluation:

- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a potentially significant impact or have a potentially significant impact unless mitigated, but at least one effect has been adequately analyzed in an earlier document pursuant to applicable legal standards, and has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, there WILL NOT be a significant effect in this case because all potentially significant effects have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards and have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION including revisions or mitigation measures that are imposed upon the proposed project. No further study is required.

  
Signature

  
Date

Tracy R. Bettencourt – MPA, AICP, Regulatory and Grants Manager  
Printed Name (for Mark Wolfe, Community Development Director)

Printed Name (for Mark Wolfe, Community Development Director)

#### **IV. EVALUATION OF ENVIRONMENTAL IMPACTS**

- Responses to the following questions and related discussion indicate if the proposed project will have or potentially have a significant adverse impact on the environment.
- A brief explanation is required for all answers except “No Impact” answers that are adequately supported by referenced information sources. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g. the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors or general standards.
- All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- Once it has been determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there is at least one “Potentially Significant Impact” entry when the determination is made, an EIR is required.
- Negative Declaration: “Less than Significant with Mitigation Incorporated” applies when the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less than Significant Impact.” The initial study will describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section 4, “Earlier Analysis,” may be cross-referenced).
- Earlier analyses may be used where, pursuant to tiering, a program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration [Section 15063(c)(3)(D)].
- Initial studies may incorporate references to information sources for potential impacts (e.g. the general plan or zoning ordinances, etc.). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated. A source list attached, and other sources used or individuals contacted are cited in the discussion.
- The explanation of each issue should identify:
  - a. The significance criteria or threshold, if any, used to evaluate each question; and
  - b. The mitigation measure identified, if any, to reduce the impact to less than significant.

Figure 1. Project Location

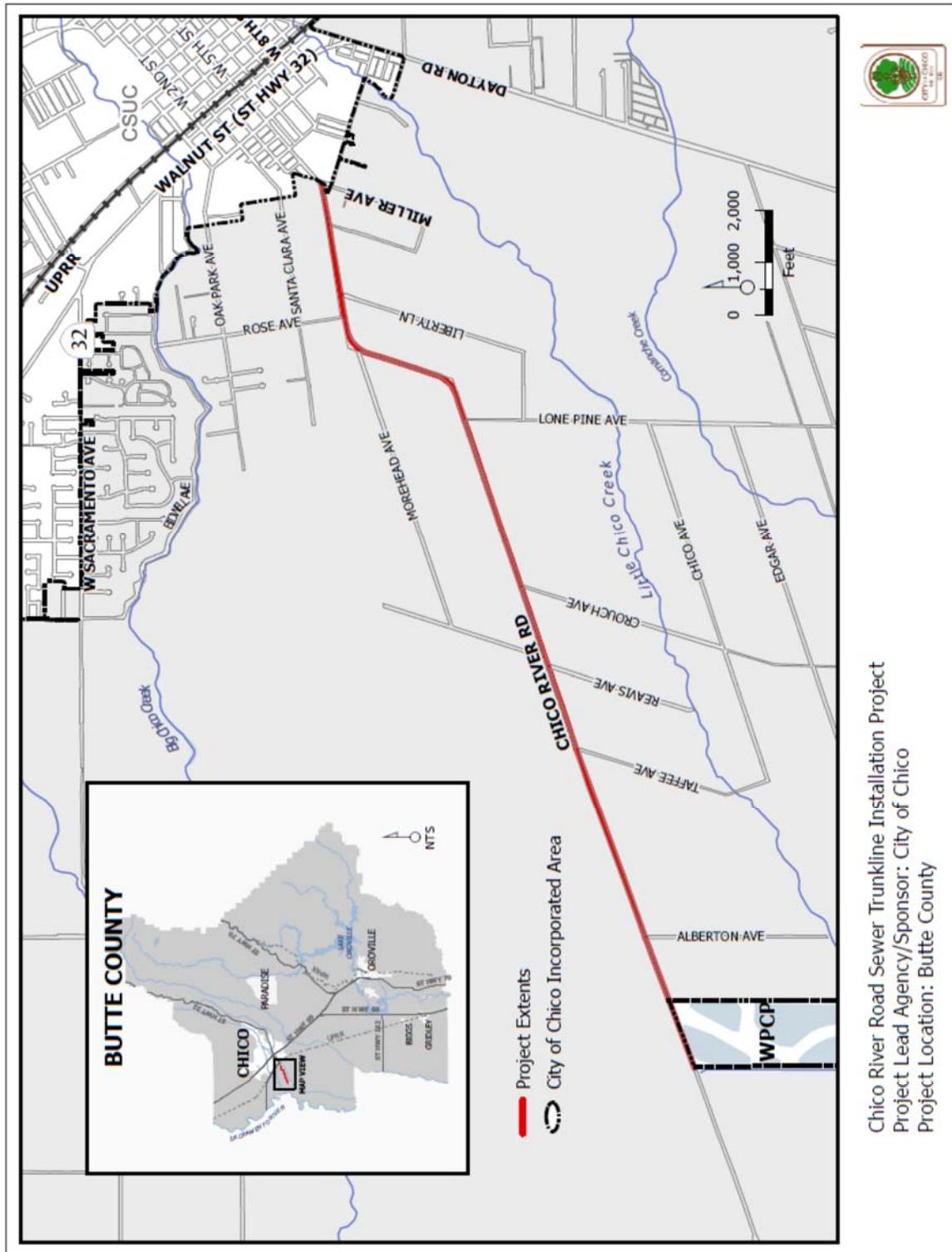


Figure 1

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>A. Aesthetics</b>				
Will the project or its related activities:				
1. Have a substantial adverse effect on a scenic vista, including scenic roadways as defined in the General Plan, or a Federal Wild and Scenic River?				X
2. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				X
3. Affect lands preserved under a scenic easement or contract?				X
4. Substantially degrade the existing visual character or quality of the site and its surroundings including the scenic quality of the foothills as addressed in the General Plan?				X
5. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?				X

**DISCUSSION: A.1. - A.5.** The project will not have a substantial adverse effect on a scenic vista, including scenic roadways as defined in the General Plan, or a Federal Wild and Scenic River; nor will it substantially damage scenic resources, including trees, rock outcroppings, and historic buildings within a state scenic highway. The project will not affect lands preserved under a scenic easement or contract, nor will it substantially degrade the existing visual character or quality of the site and its surroundings, including the scenic quality of the foothills as addressed in the Chico 2030 General Plan, the Butte County General Plan 2030, or their associated Environmental Impact Reports (GPEIRs). The project will not create a new source of substantial light or glare which would adversely affect day or nighttime views in the area. The project involves the replacement of an underground sewer trunk line within the right-of-way of an existing road. No structures or vegetation will be removed during installation of the replacement sewer trunk line. The project will have **No Impact** to aesthetics.

**MITIGATION:** None Required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>B. Agriculture and Forest Resources: Would the project or its related activities:</b>				
1. 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
2. Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
3. 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

4. Result in the loss of forest land or conversion of forest land to non-forest use?	X
5. 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: B.1. - B.5.** The project will not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to non-agricultural use. There is no conflict with an existing Williamson Act Contract or zoning. The project site, located entirely within existing ROW, is not designated as Farmland or Timberland and will result in no impacts to agriculture and forest lands. The proposed approximately 3.4 mile replacement sewer trunk line project will extend from just inside the Chico city limit line westerly through primarily agriculturally zoned lands located within Butte County jurisdiction to the City of Chico's WPCP. While the proposed replacement sewer trunk line is located adjacent to agricultural properties, two of which are currently under Williamson Act contracts (APNs 039-530-001 and 039-530-018) (Butte County Development Services Public Parcel and Address Search website (<http://gismaps.buttecounty.net/public/dsdatasearch/>)), the project will be constructed entirely within the public right-of-way with no impact to adjoining properties. Therefore, the project will have **No Impact** on agricultural or forest resources; no mitigation required.

**MITIGATION:** None required.

C. Air Quality Will the project or its related activities:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
1. Conflict with or obstruct implementation of the applicable air quality plans (e.g., Northern Sacramento Valley Planning Area 2012 Triennial Air Quality Attainment Plan, Chico Urban Area CO Attainment Plan, and Butte County AQMD Indirect Source Review Guidelines)?				X
2. Violate any air quality standard or contribute substantially to an existing or projected air quality violation.				X
3. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?				X
4. Expose sensitive receptors to substantial pollutant concentrations?			X	
5. Create objectionable odors affecting a substantial number of people?			X	

**DISCUSSION: C.1. - C.3.** The project will neither conflict with nor obstruct implementation of the applicable air quality plan for the Northern Sacramento Valley, nor will the project violate any air quality standard or contribute substantially to an existing or project air quality violation. The project will not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard. According to Butte County Air Quality Management

District (BCAQMD) <http://bcaqmd.org/planning/air-quality-standards-air-pollutants/>, Butte County is designated as a federal and state non-attainment area for ozone and particulate matter.

<b>BUTTE COUNTY AMBIENT AIR QUALITY ATTAINMENT STATUS (1/09)</b>		
<b>POLLUTANT</b>	<b>STATE</b>	<b>FEDERAL</b>
1-hour Ozone	Nonattainment	--
8-hour Ozone	Nonattainment	Nonattainment
Carbon Monoxide	Attainment	Attainment
Nitrogen Dioxide	Attainment	Attainment
Sulfur Dioxide	Attainment	Attainment
Inhalable Particulates (PM10)	Nonattainment	Attainment
Inhalable Particulates (PM2.5)	Nonattainment	Nonattainment

The project will not result in an increase of capacity to convey sewage to the WPCP, nor increase capacity at the WPCP beyond that already anticipated, analyzed, and mitigated in the City of Chico 2030 General Plan and associated GPEIR. The project consists of installing a replacement sewer line and abandonment and/or removal of existing sewer pipes that provide equal sewage conveyance capacity. Therefore, this project will not encourage or allow for additional growth within the City of Chico or Butte County or result in the potential for associated long-term air quality impacts over those already anticipated, analyzed, and mitigated in the City of Chico 2030 General Plan, the Butte County 2030 General Plan, or their associated GPEIRs.

Construction activities will result in temporary air quality impacts associated with the operation of heavy-duty vehicles generating ozone precursors (NOx) and particulate emissions. Trenching activities will create a temporary increase in dust generation (particulate) in the project vicinity. However, these impacts are temporary and episodic in nature. Existing City regulations require grading activities to include a dust suppression plan specifying and implementing standard Best Management Practices (BMPs). Full compliance with BCAQMD regulations regarding suppression of fugitive dust emissions (Rule 205) is required. Further, construction activities, including the use of heavy-duty vehicles, trenching, and paving activities proposed as part of normal infrastructure maintenance projects will not exceed those already anticipated, analyzed, and mitigated through the requirement to in the 2030 General Plan Environmental Impact Report (GPEIR). Therefore, compliance with City of Chico policies/requirements and BCAQMD Rules will reduce construction related impacts to a **Less-Than-Significant** level.

**MITIGATION:** None Required.

**DISCUSSION: C.4. - C.5.** Apart from the potential for temporary odors associated with construction activities (i.e., paving operations), the proposed project will not result in exposing sensitive receptors to substantial pollutant concentrations, nor create significant objectionable odors. These potential impacts are short-term in nature, anticipated with infrastructure maintenance activities, and located in a rural primarily agricultural area with relatively few residences. Therefore, the impacts are considered **Less-Than-Significant**.

**MITIGATION:** None Required.

<b>D. Biological Resources</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities result in:				
1. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species as		X		

listed and mapped in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	
2. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service.	X
3. Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	X
4. 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
5. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	X
6. 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

**DISCUSSION: D.1.** The project has the potential to adversely affect species identified as a candidate, sensitive, or special status species as listed and mapped in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service. Potential nesting and/or foraging habitat for raptors and migratory birds, including Swainson's hawk, occurs adjacent to project area. The disturbance, removal or destruction of active nests is considered a violation of the California Fish and Game Code Section 3503.5 and the federal Migratory Bird Treaty Act (MBTA). Additionally, the disturbance, removal or destruction of foraging and nesting habitat of Swainson's hawk is considered a violation of the California Fish and Game Code Section 2050-2068 (also known as the California Endangered Species Act (CESA)). However, while the project consists of temporary construction activities installing a replacement sewer line, all work will be conducted entirely within the existing public ROW. There are no roadway widening activities associated with the project; therefore, there will be no loss of habitat. Full compliance with the MBTA, CESA, and incorporation of the following measure will reduce the impacts to nesting raptors and migratory birds to a level that is considered **Less-Than-Significant with Mitigation Incorporated**.

**MITIGATION D.1 (Biological Resources):**

Prior to commencing construction activities within the nesting season (February 1<sup>st</sup> – August 31<sup>st</sup>), a qualified biologist will survey the project site to identify active nests within 500 feet of the project area. The survey will be conducted no more than 14 days before the beginning of construction. If nesting migratory birds, including raptors, are found during the focused survey, impacts will be avoided by establishment of appropriate buffers. California Department of Fish and Wildlife (CDFW) guidelines recommend implementation of 500 foot buffers, but the size of the buffer may be reduced if a qualified biologist determines, in coordination with the CDFW, that construction activities would not adversely affect the nest(s). If smaller buffer areas are determined to be

appropriate, biological monitoring of nests near active construction activities will be required to ensure no adverse effects.

**DISCUSSION: D.2. – D.4.** The project will not have a substantial adverse effect on any riparian habitat, sensitive natural community, federally protected wetlands as defined by Section 404 of the Clean Water Act, nor will it interfere or impede the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors. There are no wetlands on the project site and no infrastructure proposed that would impact wetlands or Other Waters of the United States. The project consists of installing a replacement sewer line and abandonment and/or removal of existing sewer pipes within an existing paved roadway entirely within the public ROW. The project site is generally flanked by active agricultural lands and very low density residential properties. The project would have **No Impact** on these resources; therefore, no mitigation is required.

**MITIGATION:** None required.

**DISCUSSION: D.5.** The project will not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance. The 3.4 mile project length is rural in nature and comprised mainly of orchards and rural residential land uses. The project does not include the removal of any trees as the project is located in the paved roadway within the existing public ROW. However, there are approximately three mature native oak trees overhanging Chico River Road that may require minor pruning to the canopy and/or roots to accommodate the construction equipment and removal and/or installation of sewer pipe. The trees appear to currently receive periodic canopy trimming in order to provide clearance for all variety of vehicles that frequent the route (e.g., semi-trucks, large-scale farm equipment, passenger vehicles, etc.). While trimming native oaks does not conflict with City of Chico or Butte County requirements, the contractor, as part of the project’s standard specifications, is required to trim trees under the supervision of a licensed arborist to reduce the potential to cause an adverse impact. Therefore, construction activities that could result in potential impacts relating to native oaks and are considered to be **Less-Than-Significant**.

**MITIGATION:** None required.

**DISCUSSION: D.6.** The project will not conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. Currently, the Butte County Association of Governments (BCAG) is coordinating the development of the Butte Regional Conservation Plan (BRCP), which is both a federal Habitat Conservation Plan (HCP) and a state Natural Community Conservation Plan (NCCP). To date, the BRCP is in draft format and has been neither finalized nor adopted ([www.buttehcp.com](http://www.buttehcp.com)). Nevertheless, the project does not conflict with the draft BRCP. The project would have **No Impact**.

**MITIGATION:** None required.

<b>E. Cultural Resources</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities:				
1. Cause a substantial adverse change in the significance of an historical resource as defined in PRC Section 15064.5?				X
2. Cause a substantial adverse change in the significance of an archaeological resource pursuant to PRC Section 15064.5?		X		
3. Directly or indirectly destroy a unique paleontological resource or site or unique geological feature?		X		

4. Disturb any human remains, including those interred outside of formal cemeteries? X

**DISCUSSION: E.1.** The project will not result in an adverse change in the significance of a historical resource as there are no historical resources located in the project footprint. Thus, there will be **No Impact** to these resources.

**MITIGATION:** None Required.

**E.2. – E.4** The installation of the replacement sewer trunk line has the potential to unearth archaeological, paleontological, and/or human remains. However, throughout the years the project area has been actively graded, trenched, and paved to accommodate the roadway as well as underground utilities. Further, the greater area has been actively farmed for many years. Due to the disturbed character of the site, the potential to encounter surface-level cultural resources is considered remote. Trenching depths will be between 3-15 feet. Similar depths were reached for installation of previous sewer trunk line alignments under Chico River Road. In accordance with the intent of ‘Memorandum of Understanding Regarding Principles for the City of Chico Consultation with the Mechoopda Indian Tribe of Chico Rancheria’ dated August 8, 2008, and in response to personal correspondence/consultation regarding this project received from Michael DeSpain on behalf of the Mechoopda Indian Tribe (June 20, 2016 email), the City of Chico will ensure that the project’s plans and specifications require the contractor to cease all construction activities in the event of inadvertent discovery of cultural resource materials so that the City of Chico, Mechoopda Tribe, and a qualified professional archaeologist can be notified. The resource will then be identified, level of significance determined, and post-discovery plan prepared, where appropriate. As a result, potential future impacts relating to cultural resources are considered to be **Less-Than-Significant with Mitigation**.

**MITIGATION E.1. (Cultural Resources):** A note shall be placed on all grading and construction plans that requires the construction contractor that if any bones, pottery fragments or other potential cultural resources are encountered during construction, all work shall cease within the area of the find pending an examination of the site and materials by a professional archaeologist. If during ground disturbing activities, any bones, pottery fragments or other potential cultural resources are encountered, the developer or their supervising contractor shall cease all work within the area of the find and notify Public Works – Engineering Department at 879-6900. A professional archaeologist who meets the Secretary of the Interior’s Professional Qualification Standards for prehistoric and historic archaeology and who is familiar with the archaeological record of Butte County, shall be retained to evaluate the significance of the find. Further, Public Works staff shall notify all local tribes to provide the opportunity to monitor evaluation of the site. Site work shall not resume until the archaeologist conducts sufficient analysis of the archaeological evidence to make a determination that the resource is either not cultural in origin or not potentially significant. If a potentially significant resource is encountered, the archaeologist shall prepare a mitigation plan for review and approval by the Public Works – Engineering Director, including recommendations for total data recovery, Tribal monitoring, disposition protocol, or avoidance, if applicable. All measures determined by the Public Works – Engineering Director to be appropriate shall be implemented pursuant to the terms of the archaeologist’s report. The preceding requirement shall be incorporated into construction contracts and plans to ensure contractor knowledge and responsibility for proper implementation.

<b>F. Geology /Soils</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities:				
1. Expose people or structure to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
a. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the				X

F. Geology /Soils	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities:				
area or based on other substantial evidence of a known fault? (Div. of Mines & Geology Special Publication 42)				
b. Strong seismic ground shaking?				X
c. Seismic-related ground failure/liquefaction?				X
d. Landslides?				X
2. Result in substantial soil erosion or the loss of topsoil?			X	
3. Be located on a geologic 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	
4. 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	
5. 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 waste water, or is otherwise not consistent with the Nitrate Action Plan or policies for sewer service control?				X

**DISCUSSION: F.1.** The City of Chico and surrounding area is located in one of the least active seismic regions in California and contains no active faults. Currently, there are no designated Alquist-Priolo Special Studies Zones within the Planning Area or immediate vicinity, nor are there any known or inferred active faults. Thus, the potential for ground rupture within the Chico area is considered very low. The trunk line is not pressurized and modern sewage pipes are designed to minimize potential impacts associated with ground-shaking during an earthquake. Therefore, the project is considered to have **No Impact**.

**MITIGATION:** None Required

**DISCUSSION: F.2 - F.4.** The project will not result in substantial soil erosion or the loss of topsoil. The project consists of trenching, installation of sewer pipe, backfilling and pave-back of an existing paved roadway entirely within the public ROW. Development of an erosion control plan including incorporation of best management practices (BMPs) are standard requirements of projects of this size. Additionally, the City has developed a Storm Water Management Program (SWMP) per the Phase II requirements established by §402 of the Clean Water Act. The project will be constructed in full compliance with applicable standards of the SWMP, which includes both construction activity and post-construction storm water discharge BMPs. Furthermore, the City and the Butte County Air Quality Management District require implementation of all applicable fugitive dust control measures, which further reduces the potential for construction-generated erosion. All projects disturbing greater than one acre, including the Chico River Road Trunk Line Installation Project, must comply with and obtain coverage under the applicable National Pollution Discharge Elimination Permit (NPDES) from the Regional Water Quality Control Board (RWQCB) per §402 of the Clean Water Act.

Compliance with existing regulation will reduce potential impacts relating to geology and soils to a **Less-Than-Significant** level.

**MITIGATION:** None Required

**DISCUSSION: F.5.** No septic tanks or alternative wastewater disposal systems are proposed. The project improves the existing sanitary sewer system with new infrastructure. Therefore, the project will have **No Impact**.

**MITIGATION:** None Required

G. Greenhouse Gas Emissions	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities:				
1. Generate greenhouse gas (GHG) emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
2. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?				X

**DISCUSSION: G.1. - G.2.** The project is located within existing Butte County Right-of-Way (Chico River Road) and consists of installing a replacement sewer line and abandonment and/or removal of existing, older sewer pipes. In 2012, the Chico City Council adopted a Climate Action Plan (CAP) which sets forth objectives and actions that will be undertaken to meet the City’s GHG emission reduction target of 25 percent below 2005 levels by the year 2020. This target is consistent with the State Global Warming Solutions Act of 2006 (AB 32, Health & Safety Code, Section 38501[a]). Additionally, Butte County adopted a Climate Action Plan (CAP) on February 25, 2014 that is consistent with CEQA Guidelines Section 15183.5(b) and AB 32 Scoping Plan requirements for a local jurisdiction to reduce greenhouse gas emissions. The project consists of installing a replacement sewer line and abandonment, and/or removal of existing sewer pipes that provide sewage conveyance capacity consistent with existing and proposed development already anticipated, analyzed, and mitigated in the City of Chico 2030 General Plan and associated Environmental Impact Report (GPEIR). The project does not involve an expansion to the sewer line, nor will it result in any new long-term direct or indirect sources of emissions.

Construction of the trunk line will result in air quality impacts associated with the operation of heavy-duty vehicles generating ozone precursor (NOx). Construction activities will create a temporary increase in combustion emissions in the project vicinity. However, these impacts are temporary and episodic in nature. Further, the construction activities, including the use of heavy-duty vehicles, trenching, and paving activities proposed as part of the project will not exceed those already anticipated, analyzed, and mitigated in the 2030 General Plan Environmental Impact Report (GPEIR). Therefore, compliance with City of Chico policies/requirements and BCAQMD Rules will reduce construction related impacts to a **Less-Than-Significant** level. No mitigation is required.

**MITIGATION:** None Required.

<b>H. Hazards /Hazardous Materials</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities:				
1. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X	
2. Create a significant hazard to the public or the environment through reasonable foreseeable upset and accident conditions involving the release of hazardous materials into the environment?			X	
3. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X
4. 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
5. For a project located within the airport land use plan, would the project result in a safety hazard for people residing or working in the Study Area?				X
6. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the Study Area?				X
7. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				X
8. Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				X

**DISCUSSION: H.1. - H.2.** The project will not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials, nor will it create a significant hazard to the public or the environment through reasonable foreseeable upset and accident conditions involving the release of hazardous materials into the environment. Hazardous materials will be used during construction activities (e.g., equipment maintenance, fuel, solvents, roadway resurfacing and re-striping materials). However, all hazardous material use would be required to comply with all applicable local, state, and federal standards associated with the handling and storage of hazardous materials. Use of hazardous materials in accordance with applicable standards ensures that any exposure of the public to hazard materials would result in **Less-Than-Significant** Impact.

**MITIGATION:** None Required.

**DISCUSSION: H.3. – H.4.** The project will not result in emitting hazardous emissions or the handling of hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school. The nearest school, Rosedale Elementary, is located approximately 0.3 miles north of the eastern terminus of the project. The project site is not listed as a state or federal hazardous waste site (pursuant to Governmental Code Section 65962.5). Therefore, there is **No Impact**.

**MITIGATION:** None Required.

**DISCUSSION: H.5. – H.8.** Small amounts of hazardous materials would be used during construction activities (e.g., equipment maintenance, fuel, solvents, roadway resurfacing and re-striping materials). Hazardous materials would only be used during construction of the project, and any hazardous material uses would be required to comply with all applicable local, state, and federal standards associated with the handling and storage of hazardous materials. Use of hazardous materials in accordance with applicable standards ensures that any exposure of the public to hazardous materials would have a less-than-significant impact.

The site is not located within the Airport Influence Area of the Chico Municipal Airport, but is within the Influence Area of the Ranchoero Airport, a private airstrip. Although a portion of the project falls within the Influence Area, it does not involve the construction of any structures above ground. All structures associated with the project will be underground and be located within existing right-of-way, resulting in no impact. The project would not interfere with an adopted emergency response plan or emergency evacuation plan. The property is not near a wildland fire area. Therefore, the project is considered to have **No Impact** with regard to hazardous materials.

**MITIGATION:** None Required.

<b>I. Hydrology/ Water Quality</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities:				
1. Violate any water quality standards or waste discharge requirements?			X	
2. Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g. the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted?)				X
3. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?				X
4. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on-or off-site?				X
5. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?				X

<b>I. Hydrology/ Water Quality</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities:				
6. Otherwise substantially degrade water quality?				X
7. Place real property within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?				X
8. Place within a 100-year flood hazard area structures which would impede or redirect flood flows?				X
9. Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?				X
10. Inundation by seiche, tsunami, or mudflow?				X

**DISCUSSION: I.1** The project is not anticipated to result in violations to any water quality standards or waste discharge requirements. The project consists of installing a replacement sewer trunk line and abandonment and/or removal of existing sewer pipes. The project will not result in an increase of capacity to convey sewage, nor increase the capacity of the WPCP beyond that already anticipated, analyzed, and mitigated in the City of Chico 2030 General Plan and associated GPEIR. The project upgrades existing concrete and/or clay sewage pipes with modern infrastructure as part of standard maintenance/upgrading practices. Abandoned pipes will be drained of their contents and waste materials properly disposed at the WPCP. The abandoned pipe ends will be capped and manholes filled. Pipe segments planned for removal will also be drained and contents properly disposed at the WPCP. All work will be completed by licensed contractors utilizing industry standard practices to properly manage the disconnecting of existing pipe and connection to temporary diversion pipes, as well as to the new trunk line. As a required component of the project, the contractor will be required to adhere to spill plan in the highly unlikely event of an accidental spill of untreated sewage material from the non-pressurized lines. Further, there are no rivers, creeks, or streams located within close proximity of the project site; therefore, there is no potential for accidental release into flowing bodies of water. As such, the project will not violate any water quality standards or waste discharge requirements. The WPCP will continue to comply with all discharge requirements as the plant has adequate capacity to serve all existing and proposed sewer connections. The trunk line will not result in increased sewage capacity at the WPCP beyond that already anticipated by the Chico 2030 General Plan.

The project consists of trenching, installation of sewer pipe, backfilling and pave-back of an existing paved roadway entirely within the public ROW. Development of an erosion control plan including incorporation of best management practices (BMPs) are standard requirements of projects of this size. Additionally, the City has developed a Storm Water Management Program (SWMP) per the Phase II requirements established by §402 of the Clean Water Act. The project will be constructed in full compliance with applicable standards of the SWMP, which includes both construction activity and post-construction storm water discharge BMPs. All projects disturbing greater than one acre, including the Chico River Road Trunk Line Installation Project, must comply with and obtain coverage under the applicable National Pollution Discharge Elimination Permit (NPDES) from the Regional Water Quality Control Board (RWQCB) per §402 of the Clean Water Act. Compliance with existing regulation will reduce potential impacts relating to water quality and waste discharge are considered to be **Less-Than-Significant**.

**MITIGATION:** None Required.

**DISCUSSION: I.2. - I.6.** The proposed project will not deplete groundwater supplies or interfere substantially with groundwater recharge. The project will not substantially alter the existing drainage pattern of the site or area, increase the rate or amount of surface runoff, or degrade water quality.

The proposed approximately 3.4 mile replacement sewer trunk line project will extend from the City of Chico WPCP easterly through Butte County jurisdiction to the City of Chico’s westernmost urban area at Miller Road. The new infrastructure and work will be located entirely within existing right-of-way. The project is not expected to result in any new impacts beyond those already anticipated, analyzed, and mitigated in the 2030 General Plan Environmental Impact Report (GPEIR). Therefore, the project would have **No Impact** on hydrology or water quality and no mitigation is required.

**MITIGATION:** None Required.

**DISCUSSION: I.7. - I.10.** According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps No. 06007C0485E and 06007C0505E, revised January 6, 2011, the majority of the site is located in Zone X, which is outside the 500-year flood plain. A small portion, less than 0.10 miles, is located in Zone A0, which is an area inundated by 1% annual chance flooding from 1-3 ft. The project does not involve the construction of any structures above ground. All infrastructure associated with the project will be underground and be located within existing right-of-way. The project is not subject to inundation by seiche, tsunami, or mudflow. Therefore, the project would have **No Impact** on the exposure of people or structures to a significant risk of loss, injury or death involving flooding or related events.

**MITIGATION:** None Required

<b>J. Land Use and Planning</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities:				
1. Result in physically dividing an established community?				X
2. Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the City of Chico General Plan, Title 19 “Land Use and Development Regulations”, or any applicable specific plan) adopted for the purpose of avoiding or mitigating an environmental effect?				X
3. Results in a conflict with any applicable Resource Management or Resource Conservation Plan?				X
4. Result in substantial conflict with the established character, aesthetics or functioning of the surrounding community?				X
5. Result in a project that is a part of a larger project involving a series of cumulative actions?				X
6. Result in displacement of people or business activity?				X

**DISCUSSION: J.1. - J.6.** The project will neither physically divide an established community, nor conflict with any applicable land use plan or resource management or conservation plan, nor result in substantial conflict with the established character, aesthetics or functioning of the surrounding community. The project is not part of a larger project and will not result in displacement of people or business activities. The project consists

of installing a replacement sewer line and abandonment, and/or removal of existing sewer pipes that provide equal sewage conveyance capacity within existing public ROW. The project is not expected to result in any new impacts beyond those already anticipated, analyzed, and mitigated in the 2030 General Plan Environmental Impact Report (GPEIR). The project would have **No Impact** on land use and planning; therefore, no mitigation is required.

**MITIGATION:** None Required.

<b>K. Mineral Resources. Would the project or its related activities:</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
1. 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
2. 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: K.1. - K.2.** The project would not result in the loss of availability of a known mineral resource or mineral resource recovery site. Mineral resources are not associated with the project or located on the project site. The components of the project will be located entirely within existing right-of-way. Therefore, the project will have **No Impact** on mineral resources and no mitigation is required.

**MITIGATION:** None Required.

<b>L. Noise</b> Will the project or its related activities result in:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
1. Exposure of persons to or generation of noise levels in excess of standards established in the 2030 Chico General Plan, Butte County 2030 General Plan or respective noise ordinances.				X
2. Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?				X
3. Exposure of sensitive receptors (residential, parks, hospitals, schools) to exterior noise levels (CNEL) of 65 dBA or higher?			X	
4. A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?				X
5. A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?			X	
6. For a project located within the airport land use plan, would the project expose people residing or working in the Study Area to excessive noise levels?				X

7. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the Study Area to excessive noise levels? X

**DISCUSSION: L.1. - L.2., L.4.** The project will not expose persons to or generate noise levels in excess of standards established in the 2030 Chico or Butte County General Plans or respective noise ordinances, nor will it expose persons to or generate excessive groundborne vibration or noise levels. There will be no substantial permanent increase in ambient noise levels; therefore, there will be **No Impact**.

**MITIGATION:** None Required

**DISCUSSION: L.3., L.5.** The project construction will temporarily increase ambient noise levels from the use of heavy equipment, which may include pneumatic jack hammers, backhoe trenchers, generators or other similar devices. Although temporary single-noise events will be generated during the construction phase, these impacts are considered to be less-than-significant because they are short term, and project contractors will be required to comply with the most stringent existing City/County noise regulations which limit the hours of construction to minimize construction related noise impacts. Additionally, the majority of the construction area is active agricultural use, including the periodic use of large farm equipment, with few residences; thus, further reducing the potential for disturbance associated with the temporary increase in ambient noise. Therefore, the impact is considered to be **Less-Than-Significant**.

**MITIGATION:** None Required

**DISCUSSION: L.6. - L.7.** The site is not located within the Airport Influence Area of the Chico Municipal Airport, but is within the Influence Area of the Ranchoero Airport, a private airstrip. Although a portion of the project falls within the Influence Area, the components of the project will be located entirely within existing right-of-way and will result in no above ground structures. Therefore, there would be no impact in regards to exposure of people residing or working in the project area to excessive noise levels; therefore, there will be **No Impact**.

**MITIGATION:** None Required

<b>M. Open Space/ Recreation</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities:				
1. Affect lands preserved under an open space contract or easement?				X
2. Affect an existing or potential community recreation area?				X
3. Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
4. 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

**DISCUSSION: M.1. - M.4.** The project site is not preserved under an open space contract or easement, nor does it affect an existing or potential community recreation area. The proposed approximately 3.4 mile replacement sewer trunk line project will extend from Chico's western urban area westerly through agriculturally zoned lands located within Butte County jurisdiction to the City of Chico's WPCP. The project

does not increase the use of, or require the construction or expansion of, existing neighborhood and regional parks or other recreational facilities. The project will be located entirely within existing right-of-way. Therefore, the proposed project would have **No Impact** on these park resources.

**MITIGATION:** None Required.

<b>N. Population/ Housing</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities:				
1. Induce substantial 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
2. Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				X
3. Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				X

**DISCUSSION: N.1. - N.3.** The project would not induce population growth, nor would it displace people or housing. The project will not result in the ability to convey increased volumes of sewage or increase the capacity of WPCP over those already anticipated by the 2030 Chico General Plan, nor will it increase capacity at the WPCP. The project consists of installing a replacement sewer line and abandonment and/or removal of existing sewer pipes that provide equal sewage conveyance capacity. The project does not involve additional connections to the City of Chico sewer system within the project extents. Therefore, this project will not encourage or allow for growth within the City of Chico or Butte County over that already anticipated, analyzed, and mitigated in the 2030 General Plan Environmental Impact Report (GPEIR). The project would have **No Impact** on these resources; therefore, no mitigation is required.

**MITIGATION:** None Required.

<b>O. Public Services</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities have an effect upon or result in a need for altered governmental services in any of the following areas:				
1. Fire protection?				X
2. Police protection?				X
3. Schools?				X
4. Parks and recreation facilities? (See Section J Open Space/Recreation)				X
5. Other government services?				X

**DISCUSSION: O.1. - O.5.** The project will not affect fire, police, schools, parks and recreation facilities, or other government services. The project consists of installing a replacement sewer line and abandonment, and/or removal of existing sewer pipes that provide equal sewage conveyance capacity. The components of the project will be located entirely within existing right-of-way. Since the proposed project would not result in

a population increase, the expansion of existing fire or police facilities would not be required. The project would have **No Impact** on these resources.

**MITIGATION:** None Required.

<b>P. Transportation/Circulation</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities:				
1. Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?				X
2. Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?				X
3. Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				X
4. Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?		X		
5. Result in inadequate emergency access?			X	
6. Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?				X

**DISCUSSION: P.1. - P.3.** The project would not conflict with an applicable plan, ordinance or policy regarding the circulation system, nor will it conflict with a congestion management program, result in changes in air traffic levels, or affect air traffic patterns. There will be no permanent modification or design changes of the existing road; and, no above ground structures associated with the project. The project would have **No Impact** on these resources; therefore, no mitigation is required.

**MITIGATION:** None Required.

**DISCUSSION: P.4. - P.5.** The project involves the replacement of an underground sewer trunk line located in the existing right-of-way of Chico River Road, primarily affecting the eastbound lane. Chico River Road will remain open during construction; however, the project will temporarily impact traffic patterns with on-site traffic controls (flagging, pilot car, etc.) and episodic, temporary single-lane traffic closures. This could temporarily affect emergency access due to occasional increased traffic congestion. California MUTCD compliant standard traffic control measures will be in place during the construction to ensure public safety and minimize delays. The proposed project would not cause any permanent closures to the roadway, nor block access to private property. Temporary average delays are not anticipated to exceed 5-8 minutes. The construction is expected to take approximately four months (typically excluding weekends and holidays), weather and

conditions permitting. The traffic control plan and project scheduling will minimize conflicts with seasonal agricultural activities, including typical harvesting, hulling, and trucking operations. Weather and conditions permitting, the project will commence in early April 2017 and be completed by the first week of August to avoid conflicts with the almond hulling operations located on Miller Road. If the project delays result in the potential for conflict with the heavy truck traffic associated with the hulling and hauling operations, the contractor will be required to suspend work August through October. Work will be permitted to resume, as soon as weather and conditions permit. Furthermore, all trenching activity will occur outside of the main urban area of the city extending from Miller Ave. westerly through agriculturally zoned lands located within Butte County jurisdiction. As such, common commute routes within the City will not be impacted by project construction. All impacts to ground transportation will be temporary and exist only during construction. As a result, potential impacts relating to transportation and circulation are considered to be **Less-Than-Significant with Mitigation**.

**MITIGATION: P.1. (Transportation/Circulation)**

If the project is not completed prior to August 1, or the beginning of the almond harvest season, the contractor is required to suspend construction activities that conflict with the almond harvest, hulling and hauling operations, through the end of active operations, anticipated to be complete by October 31.

**DISCUSSION: P.6.** Construction of the proposed 3.4 mile replacement sewer trunk line will have **No Impact** upon adopted policies, plans or programs regarding multi-modal transportation facilities; therefore, no mitigation is required.

**MITIGATION:** None Required.

<b>Q. Utilities</b> Will the project or its related activities have an effect upon or result in a need for new systems or substantial alterations to the following utilities:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
1. Water for domestic use and fire protection?				X
2. Natural gas, electricity, telephone, or other communications?			X	
3. Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?				X
4. Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X
5. Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X
6. Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?				X
7. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?				X

<b>Q. Utilities</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Will the project or its related activities have an effect upon or result in a need for new systems or substantial alterations to the following utilities:				
8. Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?				X
9. Comply with federal, state, and local statutes and regulations related to solid waste?				X

**DISCUSSION: Q.1. - Q.9.** The project will not result in a need for new systems or substantial alterations to the following utilities: water, natural gas, telephone or other communications; nor will the project require the construction or expansion of water or storm drainage facilities. No additional water will be necessary.

Any impact to utilities will be temporary and the result of project construction. All utilities will be replaced in the same general location and delivery of services would not be impacted by the project.

The project will not result in an increase of capacity to convey sewage, nor increase capacity at the WPCP beyond that anticipated by the 2030 Chico General Plan. The project consists of installing a replacement sewer line and abandonment, and/or removal of existing sewer pipes that provide equal sewage conveyance capacity. Therefore, this project will not result in the construction of new wastewater treatment facilities or expansion of existing facilities. The project would have a **Less-Than-Significant** impact on utilities; therefore, no mitigation is required.

**MITIGATION:** None Required.

**V. MANDATORY FINDINGS OF SIGNIFICANCE**

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
A. The project has the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory.		X		
B. The project has possible environmental effects which are individually limited but cumulatively considerable. (Cumulatively considerable means that the incremental effects of an individual project are considerable when viewed in connection with the effects of past, current and probable future projects).				X
C. The environmental effects of a project will cause substantial adverse effects on human beings, either directly or indirectly.				X

**DISCUSSION: A. - C.** The project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the

range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory. Based on the preceding environmental analysis, with the incorporation of measures identified within this environmental review into the project, potential impacts related to Biological and Cultural Resources, as well as Transportation/Circulation will be mitigated to ensure that the project will not result in direct or indirect adverse effects on human beings or the environment, nor result in cumulative impacts. Thus, the project will result in impacts that are **Less-Than-Significant with Mitigation Incorporated**.

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