

RESOLUTION NO. 2015 - 141

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROHNERT PARK AUTHORIZING AND APPROVING A THIRD ADDENDUM TO THE MITIGATED NEGATIVE DECLARATION FOR THE EASTSIDE TRUNK SEWER PHASE III AND SNYDER LANE WIDENING PROJECT (PROJECT 2014-01)

WHEREAS, an existing waterline on Snyder Lane will need to be relocated; and

WHEREAS, the relocated waterline will be hung onto the side of the Copeland Creek Bridge; and

WHEREAS, the City prepared and approved a Mitigated Negative Declaration ("MND") for the Eastside Trunk Sewer Project, with included the widening of Snyder Lane from East Cotati Avenue north to Jasmine Circle environmental document has been prepared and approved on the Mitigated Negative Declaration level; and

WHEREAS, the MND does not address the relocated waterline, but the relocated waterline would be located within the Project's footprint and construction boundary; and

WHEREAS, an addendum to an adopted MND can be prepared for minor changes to the project; and

WHEREAS, hanging the relocated waterline from Copeland Creek Bridge would be a minor change, would not involve new significant environmental effects or substantial increase in the severity of previously identified environmental effects, and thus appropriate for analysis through an addendum to the earlier MND; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Rohnert Park as follows:


1. A California Environmental Quality Act ("CEQA") Draft Mitigated Negative Declaration was prepared for the project on April 28, 2006 and the Notice of Determination was filed for the project with the Sonoma County Clerk on August 11, 2006. An Addendum to the Adopted 2006 Mitigated Negative Declaration was approved on February 9, 2007 to include Snyder Lane Widening. A second Addendum to the Adopted 2006 Mitigated Negative Declaration was approved on April 28, 2015 to address small modifications to the project that were made during final design. This third Addendum has been prepared to address the minor change to the project resulting from hanging the relocated waterline from the Copeland Creek Bridge. The Council has determined, based on substantial evidence in the record, that the Eastside Trunk Sewer Phase 3 and Snyder Lane Widening Project was fully analyzed and approved in the aforementioned MND, NOD, First Addendum, and Second Addendum. This is a subsequent action in furtherance of the approved project and no further environmental review is required. Pursuant to CEQA

Guidelines Section 15162, the Council finds that (1) no substantial changes are proposed to the project; (2) no significant new environmental effects and no substantial increase in severity of previously identified effects will occur; (3) no new information of substantial importance shows that the project will have new significant or more severe effects; (4) no previously identified mitigation measures or alternatives have become feasible; and (5) no different mitigation measures or alternatives would substantially reduce a significant effect on the environment.

2. The Third Addendum to the Adopted Mitigated Negative Declaration, attached to the Staff Report as Attachment B and incorporated herein by reference, is hereby approved and adopted.

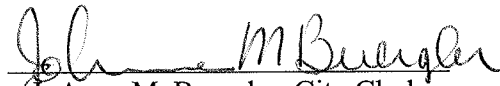
DULY AND REGULARLY ADOPTED this 8th day of September, 2015.

CITY OF ROHNERT PARK



Amy O. Ahanotu, Mayor

ATTEST:



JoAnne M. Buergler, City Clerk

Attachment: Third Addendum to the Adopted Mitigated Negative Declaration

CALLINAN: Aye MACKENZIE: Aye STAFFORD: Aye BELFORTE: Aye AHANOTU: Aye
AYES: (5) NOES: (0) ABSENT: (0) ABSTAIN: (0)



Memorandum

August 12, 2015

To: Mary Grace Pawson and Artur da Rosa, City of Rohnert Park

From: GHD Inc.

Tel: 707-523-1010

Subject: Eastside Trunk Sewer Phase 3/Snyder Lane Widening Phase 1 CEQA Addendum

Introduction and Summary

In 2006, an Initial Study/Mitigated Negative Declaration (IS/MND) (State Clearinghouse No. 2006042169) was prepared for the City of Rohnert Park's (City) Eastside Trunk Sewer (ESTS) Project, which included the widening of Snyder Lane from East Cotati Avenue north to Jasmine Circle. The City Council adopted the MND at its noticed public hearing on July 11, 2006 (referred to herein as the "adopted 2006 MND"). Subsequent to the adoption of the MND, the City opted to extend the widening of Snyder Lane north from Jasmine Circle to Medical Center Drive. This additional Project activity included improvements to all four legs of Snyder Lane's intersection with Rohnert Park Expressway. These activities were reviewed pursuant to CEQA in an addendum to the adopted 2006 MND. That addendum was adopted by the City on February 9, 2007 (i.e., 2007 Addendum). A second addendum was adopted in April 2015 (i.e., April 2015 Addendum), which addressed changes to the initial project and those reviewed in the 2007 Addendum, including improvements to the Snyder Lane bridge headwalls on the west side; widening of Snyder Lane from Medical Center Drive to Parkway Drive; revised design of the ingress/egress at the Rancho Cotate High School Parking lot; and inclusion of a PG&E natural gas/electrical utility undergrounding project.

The City is now proposing to relocate an existing 8-inch water line as part of the ESTS Project (see Appendix A for design plan sheets). While this would not increase the Project's footprint or construction area boundary, this was not contemplated in the adopted 2006 MND or subsequent Addenda. Additionally, a portion of the relocated water line would be located within federal and State resource agency jurisdiction. Therefore, the City has opted to prepare this Addendum to the adopted 2006 MND to analyze relocation of the water line pursuant to the requirements of the California Environmental Quality Act (CEQA), as discussed below.

Applicability and Use of an Addendum

The City has prepared this Addendum in accordance with Sections 15162, 15164, and 15074.1 of the CEQA Guidelines. The purpose of this Addendum is to revise technical information resulting from modifications to the Project and to revise mitigation measures.

CEQA Guidelines Section 15164 provides that an addendum is the appropriate level of CEQA analysis when the circumstances defined in Guidelines Section 15162 calling for preparation of a subsequent



MND do not occur. An addendum to an adopted MND may be prepared only if minor technical changes or additions are necessary and none of the conditions described in Section 15162 calling for a subsequent MND have occurred.

The change in environmental impacts due to the modified Project has been evaluated and measured against the standards set forth CEQA Guidelines Section 15162 to determine whether an addendum is appropriate or a subsequent MND is needed. The environmental analysis provided herein provides an examination of each of the CEQA resource issues. The conclusion is that none of the circumstances that would require a subsequent or supplemental MND is evident. Therefore, an addendum is the appropriate level of CEQA analysis and is the appropriate method of amending the MND adopted by the City in 2006.

Through the analysis provided herein, the City has shown that the mitigation measures provided on the Project's adopted 2006 MND would sufficiently address the modified elements of the ESTS Project discussed in this Addendum. This Addendum should be read together with the full text of the adopted 2006 MND, the 2007 Addendum, and the April 2015 Addendum for the ESTS Project. Even though modifications to the approved Project are minor, the modifications have been subjected to a detailed analytical process consistent with the 2006 MND.

Project Description

The City is proposing to relocate approximately 3,500 linear feet (LF) of an existing buried 8-inch water line approximately 4 feet to the east along Snyder Lane from Southwest Boulevard to Parkway Drive. The majority of the relocated water line would be buried within Snyder Lane, with a slight encroachment into the banks of Copeland Creek. Approximately 70 LF of the water line would daylight to cross the existing Copeland Creek Bridge via new pipe supports installed along the west side of the bridge. The existing 8-inch water line would be abandoned in place. Design and construction would comply with the California Department of Health Standards for potable water lines. Please refer to Appendix A for illustrations of the relocated water line.

The relocated water line would be installed within the same construction area boundary identified in the adopted 2006 MND and subsequent Addenda. Installation of the water line along the bridge would occur from the bridge/roadway and would not require in-channel disturbance. No additional disturbance would occur to the Snyder Lane roadway, sidewalks, and the banks of Copeland Creek beyond that contemplated in the 2006 MND and subsequent Addenda. No additional trees would be removed.

Construction would occur within the time frame identified in Section 3.2.5 of the April 2015 Addendum. The new water line would be installed via open trench construction, with a trench approximately 2 feet wide and 5 feet deep. Open trench construction methods would be similar to that described for other trenched components of the Project. Please refer to the discussion of "Open Trench Installation" on pages 8 and 9 of the adopted 2006 MND for a description of these construction activities.

Construction equipment would be parked or staged on a previously used construction staging area north of the creek on the west side of Snyder Lane, as described in the April 2015 Addendum. No staging areas



would be placed in areas that may affect any riparian corridors or waters of the US or wetlands. If staging areas are placed in non-paved areas, they would not be used for more than one construction season and associated impacts would therefore be temporary in nature.

Approvals Requested or Required

Relocation of the water line would not change the scope of the Project's current resource permitting effort. Required agency approvals are presented in Section 10 of the adopted 2006 MND.

Environmental Analysis

The City's adopted 2006 MND, 2007 Addendum, and April 2015 Addendum evaluated the environmental issues included in the CEQA Guidelines Appendix G checklist present during that time and adopted by the City. These issues, plus those subsequently added to the Appendix G checklist (e.g., Forestry Resources) are re-evaluated in this Addendum for the proposed water line relocation. This evaluation identifies whether, with the proposed modification of the ESTS Project, any new significant impacts or substantially more severe impacts would occur beyond those identified in the prior documents. All mitigation measures identified in the adopted 2006 MND, 2007 Addendum, and April 2015 Addendum were incorporated into the project's Mitigation Monitoring Program (MMP) and adopted by the City. The MMP mitigation measures also apply to the water line relocation evaluated in this Addendum and are attached as Appendix B.

The environmental analysis of the potential impacts of the proposed water line relocation is described as follows.

Aesthetics

The majority of the relocated water line would be buried under Snyder Lane and not visible, with the exception of minor surficial appurtenances (e.g., valves, meters, etc.). Approximately 70 LF of the water line would be affixed to the west side of the bridge, at approximately the same elevation as the roadway. Therefore, it would be visible to pedestrians using the Copeland Creek trails. However, when viewed with the bridge, the presence of the water line would not alter the existing visual landscape. The impact would be less than significant and no new impacts have been identified.

Agricultural and Forestry Resources, Mineral Resources, Public Services, Population and Housing, and Recreation

The water line relocation is located along Snyder Lane; it would not impact agricultural or forested lands, result in the loss of mineral resources, induce population growth, increase the need for public services, displace homes or people, or deteriorate or require construction of new recreational facilities. The Project area is not located on agricultural or forested lands and is not located in a mineral resource recovery area or at a recreational facility. The relocated water line would not be increased in size and, therefore, would not expand water service such that it would



induce population growth. Therefore, the Project would not increase demand for public services, recreational facilities, or housing. No new impacts would occur.

Air Quality and Greenhouse Gas Emissions

Construction activities associated with water line relocation would be similar to those indicated in the adopted 2006 MND and subsequent Addenda, involving temporary emissions of reactive organic gases (ROG), nitrogen oxides (NO_x), particulates less than 10 microns in size (PM₁₀), and particulates less than 2.5 microns in size (PM_{2.5}) from the use of construction equipment and vehicles. The modifications would not involve any new types of air emissions, contaminants, or odors as the construction methods and operations would be unchanged. The water line relocation would cause a very small increase in emissions over the projected overall two-year construction duration. Implementation of Mitigation Measures AIR-1 and AIR-2 would continue to mitigate these potential impacts to a less-than-significant level. Air quality impacts attributable to the relocated water line would not create new significant impacts, impacts of substantially greater severity, or the need for additional mitigation measures.

The water line relocation would not be in conflict with any adopted policies in the City of Rohnert Park's General Plan that support the reduction of GHG emissions, nor would it conflict with AB32 or its governing regulations. As indicated in CEQA Guidelines Section 15162(a)(3), there is no need to recirculate the MND due to GHG impacts, even though the MND did not evaluate GHG per se, because GHG issues were clearly known in 2006 and the MND and 2007 Addendum were adopted without such an evaluation. Therefore, this Addendum is the appropriate document to evaluate the GHG impacts of the water line relocation.

Biological Resources

In February 2015 (for the April 2015 Addendum), the California Department of Fish and Wildlife's (CDFW) California Natural Diversity Database (CNDDDB) and the U.S. Fish and Wildlife Services' (USFWS) species list were consulted for potential records of special-status plant and animal species in the vicinity of the proposed Project. The results of the searches did not indicate a change from the information presented in the adopted 2006 MND and 2007 Addendum (CDFW 2015; USFWS 2015). In addition, no species-status plant species would potentially be affected by the modifications, as there is no habitat for rare plants. The water line relocation would not involve any new potential impacts on wetlands or waters not already anticipated for the Project because it is located within or along Snyder Lane, is within the previously evaluated construction area boundary, and would not require disturbance to the channel (as all work would be performed from the creek banks or from the bridge). Mitigation Measures BIO-1, BIO-3, and BIO-5 would continue to mitigate for temporary disturbances to the banks of Copeland Creek and nesting birds from the ESTS Project including water line relocation. No additional trees would be removed for the water line relocation. Other mitigation measures included in the adopted 2006 MND to protect biological resources would still be applicable during construction of the ESTS Project. Any potential



biological resource impacts attributable to the proposed water line relocation would not create new significant impacts, impacts of substantially greater severity, or the need for additional mitigation measures.

Cultural Resources

The potential impacts on documented and undocumented cultural resources in the Project vicinity were analyzed in the adopted 2006 MND. The file search did not reveal any known or potential cultural resources within the project limits. This was verified for the April 2015 Addendum, which covered an expanded Project area (NWIC 2015). Because the water line relocation does not extend the horizontal or vertical area of disturbance, no new disturbance to a known cultural or paleontological resource would occur. Mitigation Measures CR-1, CR-2, and CR-3 would continue to apply by providing archaeological monitoring and treatment of unanticipated finds during construction, including at staging areas. Potential cultural resource impacts attributable to the proposed water line relocation would not create new significant impacts, impacts of substantially greater severity, or the need for additional mitigation measures.

Geology and Soils

The relocated water line would be located entirely within areas previously studied in the 2006 MND and subsequent Addenda. There would be no new seismic or instability risks or erosion potential, since the proposed construction activities would be the same as those analyzed in the adopted 2006 MND and subsequent Addenda, and in the previously studied area. The water line would be designed and constructed in compliance with applicable regulations in the Uniform Building Code (UBC) and the recommendations of the 2014 geotechnical study prepared for the Project (RGH Consultants 2014). The risk of severe ground shaking, liquefaction, or seismically-induced landslides is considered less than significant, as application of the UBC would reduce risks as much as feasible in a seismically active area. Application of Mitigation Measure GEO-1 would also reduce any additional erosion risks during open trench construction to a less-than-significant level. Any potential geologic or soil impacts attributable to the water line relocation would not create new significant impacts, impacts of substantially greater severity, or the need for additional mitigation measures.

Hazards and Hazardous Materials

The proposed water line relocation would occur entirely in the area previously surveyed for the adopted 2006 MND and subsequent Addenda. A search of the Cortese list and associated files maintained by the State Water Resources Control Board was conducted for the April 2015 Addendum; this file search did not reveal any known hazardous material incident reports or known or potential sites recorded since 2007 within the expanded project limits (Cal EPA 2011; DTSC 2015; SWRCB 2015a, 2015b, 2015c). Therefore, the water line relocation is not anticipated to involve any disturbance to a known hazardous material site or create a new hazard. Mitigation Measures HAZ-1, HAZ-2, HAZ-3, and HAZ-5 addressing hazards and hazardous



materials would remain in force and reduce any potential impacts to a less-than-significant level. Also, construction in Snyder Lane would alter travel patterns in that area and could affect emergency vehicle access. Mitigation Measure HAZ-4 would reduce any potential adverse effects to a less-than-significant level. Any potential hazards impacts attributable to the water line relocation would not create new significant impacts, impacts of substantially greater severity, or the need for additional mitigation measures.

Hydrology and Water Quality

Water line relocation would not change the nature of water quality or groundwater impacts or significantly alter drainage patterns in the area, since the type of proposed construction activities and future use would be the same as analyzed in the adopted 2006 MND and subsequent Addenda. The water line relocation would not require in-channel work; all work would be performed from the creek banks or from the bridge itself. No new impervious surface is proposed beyond that contemplated in previous evaluations. Mitigation Measures GEO-1 and HAZ-2 would reduce any potential impacts to hydrology and water quality from open trenching or disturbance to the creek bank to a less-than-significant level. Any potential hydrologic or water quality impacts attributable to water line relocation would not create new significant impacts, impacts of substantially greater severity, or the need for additional mitigation measures.

Land Use and Planning

The relocated water line would be constructed within the public right-of-way. Potable water pipelines are ancillary public utility uses conditionally allowed within zoning and land use designations. Therefore, the proposed Project modification would not conflict with land use plans or policies. There are no applicable conservation plans or natural community conservation plans covering this area. The relocated water line would not add components that would physically divide any established communities. The relocated water line would not involve any new community or land use impacts beyond those analyzed in the adopted 2006 MND, 2007 Addendum, and April 2015 Addendum.

Noise

The water line relocation would not require revisions to the evaluation of potential noise impacts, as the associated construction activities would be similar in nature to those previously analysed and within the same construction area boundary. Temporary increases in noise levels from construction activities were identified and analyzed in the adopted 2006 MND and subsequent Addenda. Mitigation Measures NOI-1, NOI-2, NOI-3, and NOI-4 presented in the original noise analysis would remain valid and reduce any potential impacts to a less-than-significant level, including potential impacts to Rancho Cotate High School in the vicinity of the water line relocation. Noise impacts attributable to the water line relocation would not create new significant impacts, impacts of substantially greater severity, or the need for additional mitigation measures.



Transportation/Traffic

Relocation of the water line would occur along Snyder Lane. This, along with other Project components evaluated in the adopted 2006 MND and subsequent Addenda would disrupt circulation along Snyder Lane, including vehicular traffic, public transit, and bicycle and pedestrian traffic, including school-related traffic. However, to avoid additional impact, the installation of the water line is being planned to coincide with the other work currently disrupting travel on Snyder Lane. The adopted 2006 MND included the development of a Traffic Control Plan that requires detour routes for public transit services. The MND also included Mitigation Measure TR-1 to coordinate construction-related traffic with local schools. The amount of temporary construction-related traffic would remain the same as analyzed in the adopted 2006 MND and subsequent Addenda. Therefore, the water line relocation would not create new significant impacts, impacts of substantially greater severity, or the need for new mitigation measures.

Utilities and Service Systems

The Project modification evaluated in this Addendum includes the relocation of approximately 3,500 LF of an existing water line. No modifications to other utility lines are proposed that have not already been considered in the previous CEQA analyses for the Project. Because no other changes would occur to sanitary sewer lines or storm drain facilities, the Project modification would not result in additional impacts to wastewater treatment facilities or storm water drainage facilities beyond that contemplated in the adopted 2006 MND and subsequent Addenda. The new water line would be the same size as the existing water line (i.e., 8-inches in diameter) and, therefore, would continue to offer the same level of service as existing conditions. No new housing or other development is proposed and, therefore, new or expanded entitlements for water supplies are not required. Construction methods would remain unchanged from that considered in the adopted 2006 MND and subsequent Addenda. While the total volume of solid waste may increase incrementally with this Project modification, minimal construction debris would be generated by the Project and would be minimized per BMPs set forth in the Project's SWPPP.

Mandatory Findings of Significance

The water line relocation would not substantially change the proposed Project design from that analyzed in the adopted 2006 MND, 2007 Addendum, or April 2015 Addendum. As modified, the ESTS Project would still allow the City to meet projected development demands presented and analyzed in the City's General Plan and General Plan EIR. A review of the City's development permit files did not reveal additional projects which would occur concurrent with this Project generating new cumulative impacts. The modified Project's impacts would not add appreciably to any existing or foreseeable future significant cumulative impact, such as species endangerment,



habitat loss, or air quality degradation. Incremental impacts, if any, would be very small and negligible.

The proposed modification to the Project would not require revisions to the evaluation of Mandatory Findings of Significance. The modifications would not involve any new impacts, impacts of greater severity or require additional mitigation measures, or result in cumulatively considerable effects or substantially adverse effects.

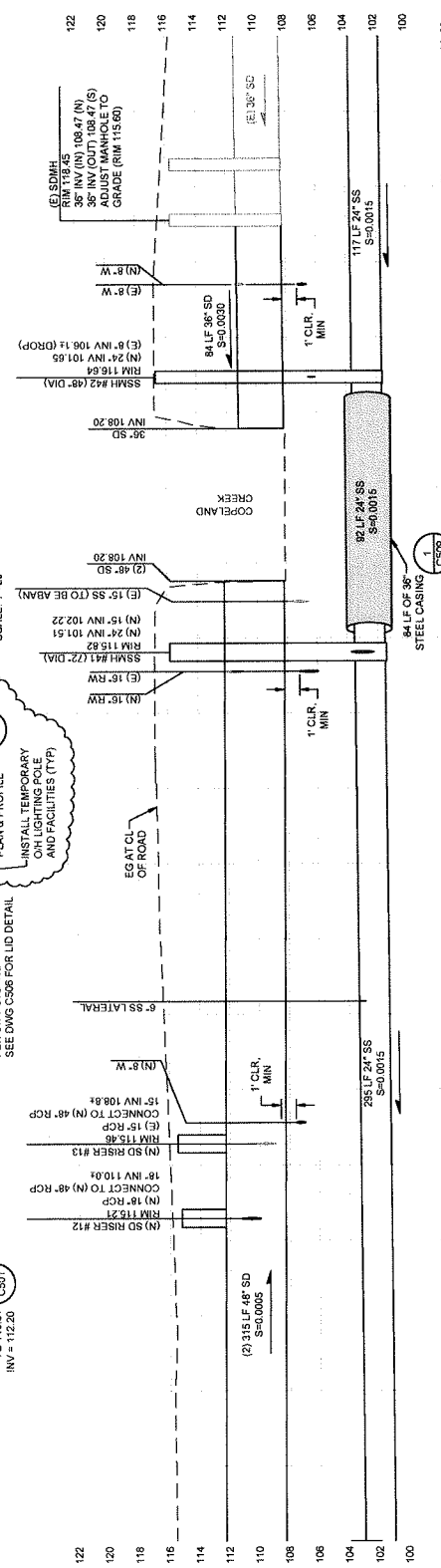
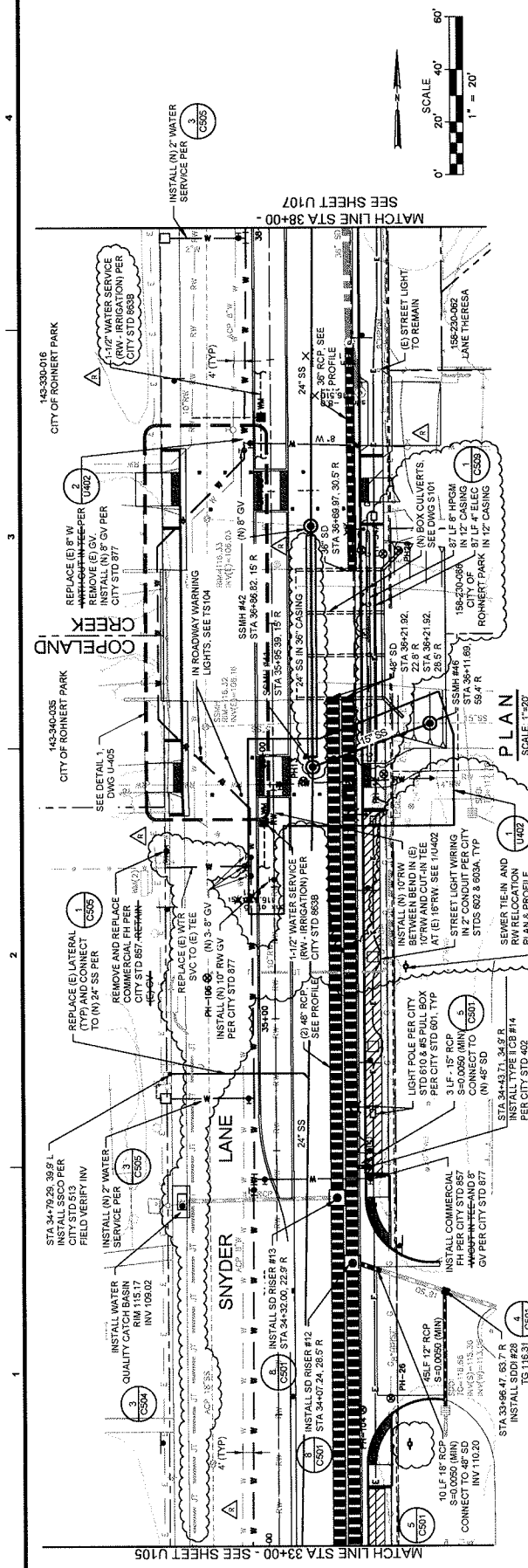
References

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APPENDICES

Appendix A

Water Line Relocation Plan Sheets U106 and U405

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Appendix B
Mitigation Monitoring Program

Table A-1 Mitigation Monitoring Plan – City of Rohnert Park Eastside Trunk Sewer Project

Mitigation Measure	Verify Compliance	Timing of Initial Action	Monitoring Frequency and Duration	Action Items
Mitigation Measure AES-1. Nighttime Construction Light and Glare Control The Contractor shall ensure that all lights associated with nighttime construction be hooded and directed away from lodging establishments and other light-sensitive establishments and land uses where feasible.	City of Rohnert Park	During construction near the Budget Inn	During construction near the Budget Inn	Control light and glare during nighttime construction
Mitigation Measure AIR-1. Equipment Exhaust Control The City of Rohnert Park shall control equipment emissions when heavy construction equipment is operating, including at construction staging areas. These measures shall include: <ul style="list-style-type: none"> • Reduce unnecessary idling of construction equipment (i.e., limit idling time to 10 minutes or less) and avoid staging equipment within 200 feet of sensitive receptors. • Where possible, use newer, cleaner-burning diesel-powered construction equipment. • Properly maintain construction equipment per manufacturer specifications. • Designate a Disturbance Coordinator responsible for ensuring that mitigation measures to reduce air quality impacts from construction are properly implemented. 	City of Rohnert Park	During construction	Ongoing through construction	Implementation of BMPs
Mitigation Measure AIR-2. Dust Control The City of Rohnert Park shall control fugitive dust generated by project construction activities, including at construction staging areas. These measures shall include: <ul style="list-style-type: none"> • Apply [clean] water or other approved suppressants to exposed dirt surfaces, as needed. • Apply non-toxic soil stabilizers to inactive construction areas (i.e., disturbed surfaces that are left unused for at least four consecutive days; soil stockpiles). • Cover haul trucks or maintain at least two feet of freeboard. • Limit vehicle speed to 15 mph on any unpaved surfaces. • Install wheel washers for exiting trucks or wash-off the tires or tracks of all trucks and equipment leaving any unpaved areas of the work area. • Suspend excavation and grading activity when winds (instantaneous gusts) exceed 25 mph and visible dust emissions cannot be prevented from leaving the construction site. 	City of Rohnert Park	During construction	Ongoing during construction	Implementation of BMPs

Mitigation Measure	Verify Compliance	Timing of Initial Action	Monitoring Frequency and Duration	Action Items
<ul style="list-style-type: none"> Restore and stabilize exposed surfaces at the conclusion of earth moving activities. <p>Mitigation Measure BIO-1: Avoid Loss of Special-Status Aquatic Resources</p> <p>Coffer dam construction and water diversion could result in the entrapment of steelhead and other salmonids, as well as other aquatic species. To avoid impacts to fish and other aquatic species, the City shall implement the following measures for the Snyder Lane bridge widening and if open trench construction methods are used to cross Hinebaugh or Copeland creeks:</p> <ol style="list-style-type: none"> Conduct work at the open trench crossing between June 15 and October 15 to avoid migrating salmonid adults and juveniles and other aquatic species. If surface water remains within the project zone at the time construction activity is scheduled to begin, construction and silt fencing, and any other appropriate erosion control measures, will be installed or undertaken prior to the beginning of construction. Acceptable measures or best management practices include, but shall not be limited to, installation of fencing and/or wattles. Riparian tree removal at the creek crossings shall be minimized to the extent possible. Remaining trees shall be protected by installing protective fencing outside the dripline. <p>A qualified biologist shall be on-site during installation of the coffer dams. Coffer dam construction and dewatering operations shall be conducted according to methods approved by NOAA-Fisheries and CDFW. The biologist will provide recommendations on the appropriate mesh size for screen installed in a manner that will protect aquatic animals from either being sent through the pumps or impinging on the screen. The biologist recommendations will address how to install the screen in a way that will prevent impingement and ensure that dewatering will not harm native aquatic life. A qualified biologist shall survey individual pools remaining in the project area after coffer dam installation to determine if any steelhead or other aquatic animals are present in the pools. If an individual is found in any of the remaining pools, then the qualified/approved biologist shall rescue and relocate them in the creek below the project area. Dewatering shall not commence until the surveys are completed.</p> <ol style="list-style-type: none"> At the Redwood Drive creek crossings, the streambed and banks shall be restored to original grade and revegetated with appropriate riparian plant species following installation of the pipeline. 	City of Rohnert Park	Prior to construction	Ongoing through construction	<p>Complete survey</p> <p>--- Implement Protection Measures as Necessary</p> <p>--- Prepare and implement a mitigation program if necessary</p>

Mitigation Measure	Verify Compliance	Timing of Initial Action	Monitoring Frequency and Duration	Action Items
<p>5. At the Copeland Creek crossing at Snyder Lane and the Snyder Lane bridge widening, temporarily and permanent impacts will occur to the streambed and bank. The portions of the streambed and bank that will be temporarily impacted will be restored to original grade and revegetated with the appropriate riparian vegetation. The streambed will be restored by replacing the embedded gravels and small cobbles in the streambed. In addition, a Mitigation and Monitoring Plan and Waters Mitigation Plan will be developed to compensate for the permanent impact to Copeland Creek to mitigate for impacts generated by the bridge widening. These plans will detail mitigation for the permanent impacts and detail the appropriate performance criteria and mitigation standards. These plans are described in greater detail in Mitigation Measure BIO-4 below in Section IV.c, which more specifically addresses potential project impacts to waters and wetlands.</p>				
<p>Mitigation Measure BIO-2: Preconstruction Surveys for the Northwestern Pond Turtle</p> <p>If open trench method is selected for the creek crossings and/or the Snyder Lane bridge over Copeland Creek is widened, a qualified biologist will conduct a preconstruction survey for the northwestern pond turtle at each crossing, and will conduct a daily inspection of the construction area prior to the commencement of work. If turtles are present, CDFW shall be notified for guidance and authorization to relocate the turtles downstream. If an individual is found in any of the remaining pools or in the construction area, then the qualified/approved biologist shall rescue and relocate the turtle in the creek below the project work area. Work within the creek including dewatering operations shall not commence until the surveys are completed daily.</p>	City of Rohnert Park	Prior to construction	Prior to construction	Complete survey --- Notify agencies and prepare and implement a mitigation program if necessary
<p>Mitigation Measure BIO-3: Preconstruction Nest Survey and Construction Exclusion Zones</p> <p>The City shall retain a qualified biologist to conduct preconstruction surveys along the pipeline route. If any active special-status bird species or raptor nests exist where they may be impacted by project construction activities, preconstruction survey will occur along the pipeline route within 100 feet of construction activities along city streets and within 500 feet of construction activities along the creeks to determine the potential extent of impact. If active nests of any special-status birds or raptors are identified within these survey parameters in the construction area and could potentially be impacted by construction, construction shall not begin until after the nests are protected by an adequate exclusion</p>	City of Rohnert Park	Prior to construction	Prior to construction	Complete surveys --- Establish a construction exclusion zone if necessary

Mitigation Measure	Verify Compliance	Timing of Initial Action	Monitoring Frequency and Duration	Action Items
zone defined by a qualified biologist, or other mitigation measures defined through consultation with CDFW. The special-status bird species to be included are the Allen's hummingbird (<i>Selasphorus sasin</i>), California thrasher (<i>Toxostoma redivivum</i>), Lewis' Woodpecker (<i>Melanerpes lewis</i>), little willow flycatcher (<i>Empidonax traillii brewsteri</i>), tricolored blackbird (<i>Agelaius tricolor</i>), white-tailed kite (<i>Elanus leucurus</i>), and yellow-billed cuckoo (<i>Coccyzus americanus</i>).				
Mitigation Measure BIO-4: Implement Compensatory Mitigation for CTS if Required by USFWS. The City of Rohnert Park shall implement CTS mitigation if required by the USFWS. Mitigation may include purchase of CTS preservation credits, contribution of an endowment to a foundation or contribution of funds to a mitigation bank managed by the California Department of Fish and Wildlife. In the event that USFWS does not require mitigation for CTS then the City of Rohnert Park will not require additional CTS mitigation.	City of Rohnert Park	Prior to construction	Per USFWS Guidelines	Per USFWS Guidelines
Mitigation Measure BIO-5: Culvert Installation and Wetland Restoration The City shall avoid temporary and permanent fill of jurisdictional waters to the extent feasible. The City shall complete all work associated with open trench pipeline and bridge widening across Hinebaugh and Copeland creeks during the dry season (May 1 to October 15). The City shall restore affected portions of the creeks. The City shall have a qualified biologist prepare and implement a Mitigation and Monitoring Plan and a Waters Mitigation Plan acceptable to the jurisdictional agencies. Measures may include, but not be limited to:	City of Rohnert Park	Prior to construction	After construction	Prepare and implement Plan
<ul style="list-style-type: none"> Removal of sediments and foreign materials deposited by construction activities from jurisdictional waters. Restoration of disturbed streambed, bank, and gradients to original contour and hydrologic condition. Bank stabilization prior to the onset of winter rains using straw, matting, wattles, or other suitable means. Reestablishment of riparian woodland using native species. Protection and conservation of topsoil within riparian woodland. 				

Mitigation Measure	Verify Compliance	Timing of Initial Action	Monitoring Frequency and Duration	Action Items
Mitigation Measure BIO-6: Compliance with the Rohnert Park Public Tree Care Measures The City shall protect mature native trees along the alignment and avoid impacts to the extent feasible. The City shall retain an arborist to evaluate the health of the trees prior to construction, formulate site-specific recommendations to maintain the health of trees during and after construction, and monitor construction near the trees at appropriate intervals. The City shall comply with the arborist's recommendations which may include, but not be limited to, the accurate placement of trees on plans, specific root cutting, protective fencing, and proper pruning or limbing. Tree health shall be monitored for one year after the completion of construction and, if trees have not fully recovered, monitoring may be extended. If impacts to protected trees occur for any reason, on-site mitigation – including replacement of native species – shall be implemented in accordance with the City of Rohnert Park Public Tree Care code.	City of Rohnert Park	Prior to construction	Prior to, during, and after construction	Design planting plan. --- Evaluate and monitor trees
Mitigation Measure CR-1: Protection or Recovery of Data Should concentrations of archaeological materials or paleontological resources be encountered during construction, all ground-disturbing work shall be halted in that area. Work near such finds shall not be resumed until a qualified professional has evaluated the materials and offered recommendations for further action. Project personnel shall not collect cultural or paleontological resources. Prehistoric resources include chert or obsidian flakes or tools, projectile points, mortars and pestles, groundstone artifacts, deposits of shell, dietary bone, locally darkened midden (dark friable soil containing shell and bone dietary debris), heat-affected rock or human burials. Historic resources may include, but not be limited to, stone or adobe foundations or walls, structures and remains with square nails, and refuse deposits, found often in old wells and privies.	City of Rohnert Park	During construction	Ongoing through construction	Cease work and report findings, as needed
Mitigation Measure CR-2: Construction Staging Area Surveys Prior to use, the City shall ensure that any potential staging areas selected for the project will be subjected to the same level of cultural resource survey as the rest of the project area. The Contractor shall not use any potential staging area found to contain an identified cultural resource.	City of Rohnert Park	Prior to construction	Prior to construction	Conduct Cultural Resource Survey --- Do not use site if cultural resources found

Mitigation Measure	Verify Compliance	Timing of Initial Action	Monitoring Frequency and Duration	Action Items
<p>Mitigation Measure CR-3: Encountering Human Remains</p> <p>If human remains are encountered within the construction area, all work should be halted in the immediate vicinity of the find and the project superintendent and Sonoma County Sheriff/Coroner must be notified. At the same time, an archaeologist should be contacted to evaluate the find. If the remains are found to be of Native American origin, the Native American Heritage Commission must be notified within 24 hours of the identification. The procedures to be followed at this point are prescribed by law.</p>	City of Rohnert Park	During construction	Ongoing through construction	Cease work and report findings, as needed
<p>Mitigation Measure GEO-1: Erosion Control</p> <p>The City of Rohnert Park and its contractor shall control soil erosion and loss of topsoil during and after project construction. The City and its contractor shall also control the potential for erosion on any permanent cut and fill slopes after the project is completed. An erosion control plan shall be prepared and approved prior to approval of construction documents and the plan shall be incorporated into the construction specifications. The plan shall include, but not be limited to, the following measures:</p> <ul style="list-style-type: none"> • Install and continuously maintain silts fences or wattles between streams and any areas disturbed by project construction. • Stabilize slopes with geotextiles, straw matting, etc., in the event of a rain event or when the exposed slope will not be worked for two consecutive days. • Revegetate pervious areas and areas disturbed by construction with locally-native vegetation within 30 days of the completion of grading activities and/or project construction. • Schedule and conduct earth disturbing activities during the "dry season" (generally April 1 through October 1), except where further limited by other mitigation measures presented herein. Prior approval and extensions to any construction permits shall be obtained prior to working outside that period. • Upon completion of the excavation work, permanently stabilize any slopes using native, drought-resistant vegetation. Jute mesh or other appropriate surface treatment should be applied until the vegetation has been successfully established. The erosion control plan shall specify the species to be used and describe installation methods and timing for plants and soil coverings. 	City of Rohnert Park	During construction	Ongoing through construction	Implement BMPs and erosion control plan

Mitigation Measure	Verify Compliance	Timing of Initial Action	Monitoring Frequency and Duration	Action Items
<p>Mitigation Measure HAZ-1. Contaminated Materials Handling and Disposal</p> <p>The City has conducted hazardous materials corridor study to determine existence or extent of contamination along the project alignment. The City shall inform the construction contractor of the likelihood of encountering potential contamination along the pipeline route. The contractor shall screen soil and groundwater prior to or during the construction phase near these sites to identify the contaminants of concern, verify the level of contamination, and ensure proper handling, storage, transport, and disposal. Only workers experienced in HAZWOPER methods will identify, screen, handle, and dispose of contaminated materials and ensure public safety in these areas.</p> <p>If contaminated soils or groundwater are encountered during construction, the Contractor's HAZWOPER-trained personnel shall handle them in the following manner:</p> <ul style="list-style-type: none"> Excavate contaminated materials in the construction zone and stockpile on plastic and contain pumped groundwater in temporary water storage tanks to avoid exposure to the public. Field screen soils in areas of suspected contamination with an organic vapor meter or equivalent air monitoring device to determine if contamination is still present and ensure that the public will not be exposed to contaminants and odors. Provide and maintain a sediment and granular activated carbon filtration system, as needed for treatment of contaminated groundwater. Contain all groundwater removed in temporary storage tanks. After precharacterization and City approval, discharge treated water to the sanitary sewer system. Treat as necessary to meet sewer discharge requirements. If the discharge does not meet these requirements, the groundwater will be treated and disposed of according to all applicable laws and regulations. Characterize material for proper disposal and negotiate a pre-approved disposal location in accordance with their disposal requirements. After City and landfill approval, load, transport, and dispose of all soil. 	City of Rohnert Park	During construction	Ongoing through construction	Screen soil and groundwater ---- Implement BMPs as necessary

Mitigation Measure	Verify Compliance	Timing of Initial Action	Monitoring Frequency and Duration	Action Items
Mitigation Measure HAZ-2: Backfilling At or Near Known or Suspected Contamination Plumes The City and its contractor shall install low permeability dams (such as clay dams) on either side of a known or suspected plume and at intervals of 300-feet within the plume. Backfill of the trench within the plumes should be permeable so that the existing plume will not be severed by the trench, thereby separating the furthest reach of the plume from the groundwater extraction and treatment system or redirecting the migration of the plume.	City of Rohnert Park	Prior to construction	Ongoing through construction near known or suspected contamination plumes	Install dams and backfill trench
Mitigation Measure HAZ-3: Construction Staging Area Surveys Prior to use, the City shall ensure that any potential staging areas selected for the project will be subjected to the same level of hazardous material survey as the rest of the project area. The Contractor shall not use any potential staging area found to contain a hazardous material concern.	City of Rohnert Park	Prior to construction	Prior to construction	Conduct hazardous materials study --- Do not use site if hazardous materials found
Mitigation Measure HAZ-4: Standard Traffic Safety Control Procedures The City or its contractor shall ensure that standard traffic safety control procedures be included in the Traffic Control Plan being prepared as part of the project. Construction flagging and signage, use of plates, and other safety measures shall be in conformance with the CALTRANS Manual of Traffic Controls for Construction and Maintenance of Work Zones (CALTRANS 1990). If temporary lane or road closures are required, the City shall contact emergency response providers (hospitals, police, fire, and ambulance) and inventory the locations of their primary routes that may be affected by the construction. <ul style="list-style-type: none"> Where construction necessitates lane or road closures along emergency response routes, the City shall recommend and obtain approval for alternate routes or other means from the affected service providers, at a minimum of one week prior to construction. During construction, the City shall notify the service providers on a weekly basis of the timing, location, and duration of construction activities. 	City of Rohnert Park	During construction	Ongoing through construction	Implement BMPs into Traffic Control Plan

Mitigation Measure	Verify Compliance	Timing of Initial Action	Monitoring Frequency and Duration	Action Items
<p>Mitigation Measure HAZ-5: Clear Fueling Areas and Require Equipment Controls</p> <p>The City or its contractor shall clear dry vegetation or other fire fuels near staging areas or any other area where equipment will be operated, prior to the start of construction in that area. The City shall require contractors to use equipment with spark arresters in good working order.</p>	City of Rohnert Park	Prior to construction	Ongoing through construction	<p>Clear dry vegetation near staging areas</p> <p>Use spark arresters</p>
<p>Mitigation Measure NOI-1: Comply with City Noise Policies</p> <p>In accordance with the City of Rohnert Park's noise ordinance, noise-producing construction activities within the project area and equipment at any construction staging areas shall be limited to 8:00 AM to 6:00 PM, unless a permit has been obtained from the superintendent of public works (Municipal Code 9.44.120 (Ordinance 152 §3.1, 1971).</p> <p>In accordance with the City of Cotati's Municipal Code, noise-producing construction activities shall be limited to the hours between 7:00 AM and 7:00 PM Monday through Friday, or by condition of approval 9:00 AM to 5:00 PM Saturday, Sunday, and holidays, and not exceed 65 dBA for outdoor areas (as measured from the property line of the sensitive receptor) and 45 dBA for interior spaces (Municipal Code 17.30.050).</p>	City of Rohnert Park	Prior to construction	Ongoing through construction	<p>Limit Construction Hours</p>
<p>Mitigation Measure NOI-2: Equipment Noise Control</p> <p>The City of Rohnert Park and its contractor shall control equipment noise, including any construction staging areas. Measures may include, but not be limited to:</p> <ul style="list-style-type: none"> Newer equipment with improved noise muffling may need to be used and manufacturers' recommended noise abatement measures, such as mufflers, engine covers, and engine vibration isolators be intact and operational. Construction equipment may require weekly inspection to ensure proper maintenance and presence of noise control devices (e.g., mufflers and shrouding, etc.). Wherever possible hydraulic tools may be used instead of pneumatic impact tools. 	City of Rohnert Park	Prior to construction	Ongoing through construction	<p>Control equipment noise</p>

Mitigation Measure	Verify Compliance	Timing of Initial Action	Monitoring Frequency and Duration	Action Items
Mitigation Measure NOI-3: Implement Public Outreach Program The City shall prepare and implement a Public Outreach Program. The Program will include identification of sensitive noise receptors along the project alignment and construction staging areas and will provide information about the project to affected individuals during both project design and project construction. Sensitive noise receptors will be notified in advance to keep windows and doors closed during peak construction activity. The City shall contact the three schools along the pipeline route when the construction schedule is available. The City will establish a hot-line phone number that may be called if questions or complaints about construction impacts arise.	City of Rohnert Park	Prior to construction	Ongoing through construction	Implement Plan
Mitigation Measure NOI-4: Limit Construction Noise Adjacent to Schools Where construction would occur adjacent to schools or where construction staging areas may be located adjacent or near schools, the construction manager may need to implement measures to insure that construction noise does not interfere with the learning activity of the students. The following noise control measures may be implemented: Limit construction to non-school hours when feasible. <ul style="list-style-type: none"> Utilize temporary noise barriers, as needed, to protect schools from excessive noise levels from construction activities. Noise barriers may be made of heavy plywood, loaded vinyl acoustical curtain (Sound Transmission Coefficient rating of 25 or better), or natural and temporary earth berms. A qualified noise control engineer may design the temporary construction noise barriers used. A qualified noise control engineer may monitor the temporary construction barriers used, to ensure that any gaps or inadequate materials do not increase noise impact by channeling, or fail to result in any noise mitigation. 	City of Rohnert Park	During construction	Ongoing through construction near schools	Limit construction noise
Mitigation Measure TR-1: School Coordination The City and the contractor shall coordinate construction activities at and around schools reducing to the greatest extent possible impacts to ingress and egress traffic and safety hazards to bicyclists and pedestrians. This includes, but is not limited to, plating trenches during drop-off and pick-up times to allow vehicle and pedestrian/bicycle access to schools.	City of Rohnert Park	Prior to Construction	Ongoing through Construction	Coordinate with schools