

PUBLIC UTILITIES COMMISSION

300 CAPITAL MALL, 5TH FLOOR
SACRAMENTO, CA 95814



September 13, 2019

Tim O'Halloran
Project Manager
California American Water
511 Forest Lodge Road
Pacific Grove, CA 93950

RE: Notice to Proceed Request No. 1 (NTPR-1) for the Monterey Peninsula Water Supply Project – (A.12-04-019) – Treated Water Pipeline within City of Seaside (except U.S. Army lands)

Dear Mr. O'Halloran:

One year ago today, on September 13, 2018, the California Public Utilities Commission (CPUC) certified the Final Environmental Impact Report/Environmental Impact Statement (EIR/EIS) for the California American Water (CalAm) Monterey Peninsula Water Supply Project (MPWSP) and issued a Certificate of Public Convenience and Necessity (Decision D.18-09-017). The decision conditionally authorizes construction of the Project with implementation of Applicant Proposed Measures and Mitigation Measures identified in the Final Mitigation Monitoring, Compliance and Reporting Program (MMCRP).

As proposed by CalAm and approved by the CPUC, the MPWSP includes multiple components (source water intake system, desalination plant, desalinated water conveyance facilities, and expanded aquifer storage and recovery system). Separate Notices to Proceed (NTPs) will be issued for the various components or phases of the MPWSP. This is a typical process for projects with multiple components. Given that the MPWSP has been approved by the CPUC, as described above, this phased construction review process allows CalAm to proceed with individual project components where compliance with all applicable mitigation measures and conditions can be documented.

CalAm submitted NTP Request-1 (NTPR-1) to proceed with construction of 5,300 linear feet of Treated Water pipeline (also known as Transmission Main) for conveyance of desalinated water as a component of the MPWSP. The project area applicable to NTPR-1 is in the City of Seaside, Monterey County, California. All work under NTPR-1 would be conducted within paved roadways in the City of Seaside, specifically beneath the pavement within Lightfighter Drive and General Jim Moore Boulevard (except for portions owned by the U.S. Army). A Project overview map and detailed construction footprint maps are provided in Appendix A. All pipeline segments under NTPR-1 would be installed using conventional open-trench technology.

Typical construction equipment for pipeline installation would include flatbed trucks, backhoes, excavators, pipe cutting and welding equipment, haul trucks for spoils transport, trucks for materials delivery, compaction equipment, Baker tanks, pickup trucks, generators, air compressors, cranes, drill rigs, and skip loaders. Pipeline segments would typically be delivered and installed in 6- to 40-foot-long sections. Soil removed from trenches

and pits would be stockpiled and substantially reused as backfill, to the extent feasible, or handled in accordance with conditions contained in rights-of-entry and/or encroachment permit conditions.

A conventional backhoe, excavator, or other mechanized equipment would be used to excavate trenches. The typical trench width would be 6 feet; however, vaults, manhole risers, and other pipeline components could require wider excavations. Work crews would install trench boxes or shoring or would lay back and bench the slopes to stabilize the pipeline trenches and prevent the walls from collapsing during construction.

After excavating the trenches, the construction contractor would place pipe bedding such as sand or other appropriate material shaped to support the pipeline. Construction workers would then place pipe sections (and pipeline components, where applicable) into the trench, connect the sections together as trenching proceeds, and then backfill the trench. Most pipeline segments would have 5 feet of cover. Open-trench construction would generally proceed in a linear fashion at a rate of about 150 to 250 feet per day. Steel plates would be placed over trenches to maintain access to private driveways. The proposed pipeline installation for NTPR-1 would require temporary lane closures. Detour opportunities also would be provided as an option when required under an encroachment permit or by another authority.

The construction duration for completion of actions authorized under NTPR-1 is anticipated to take approximately four months, with initial ground-disturbing activities commencing on or about Monday, September 16, 2019. Equipment operation associated with construction of this proposed portion of the Transmission Main pipeline would typically occur for 8 hours a day. However, at times, workers and equipment could be on-site up to 12-hours per day. Thus, construction work window hours would be within 7:00 a.m. and 7:00 p.m., Monday through Saturday. Currently, 24-hour construction work is not proposed.

This letter documents the CPUC's thorough evaluation of all activities covered in NTPR-1, including the "Applicable Mitigation Measure Identified in FEIR MMRP" tables provided as an appendix to NTPR-1. The evaluation process ensures that all mitigation measures applicable to the location and activities covered in the Notice to Proceed are implemented as required in the CPUC's Decision.

CalAm submitted the following items in accordance with Applicant Proposed Measures (APMs) and Mitigation Measures (MMs) described in the MMCRP, for actions proposed under NTPR-1:

Applicant Proposed Measure / Mitigation Measure	Implementing Actions	Status/Determination
MM 4.6-1b: Construction Worker Environmental Awareness Training and Education Program	Provide copy of training program and signed acknowledgement forms of all construction workers that completed training	CalAm to submit verification
MM 4.6-1c: General Avoidance and Minimization Measures	Submit applicable general avoidance and minimization measures to CPUC for review prior to commencement of construction activities	Measures submitted and determined to be complete
MM 4.7-2a: Health and Safety Plan	Submit Health and Safety Plan to CPUC for review prior to commencement of construction activities	Plan submitted and determined to be complete

Applicant Proposed Measure / Mitigation Measure	Implementing Actions	Status/Determination
MM 4.7-2b: Soil and Groundwater Management Plan	Submit Soil and Groundwater Management Plan to CPUC for review prior to commencement of construction activities	Plan submitted and determined to be complete; supplemented with information in Health and Safety Plan
MM 4.9-1: Traffic Control and Safety Assurance Plan	Submit Traffic Control and Safety Assurance Plan to CPUC for review prior to commencement of construction activities	Construction Vehicle Movement Plan submitted and determined to be complete. City of Seaside-approved Traffic Control Plan submitted.
MM 4.9-6: Roadway Rehabilitation Program	Provide documentation of agreement regarding roadway rehabilitation program	Documentation provided in City of Seaside Encroachment Permit
MM 4.9-7: Construction Parking Requirements	Provide documentation demonstrating the avoidance or minimization of impacts on public parking lots	Documentation provided in Construction Vehicle Movement Plan and Construction Equipment Efficiency Plan
MM 4.9-C: Construction Traffic Coordination Plan	Submit Construction Traffic Coordination Plan to CPUC for review prior to commencement of construction activities	Construction Vehicle Movement Plan submitted and determined to be complete. City of Seaside-approved Traffic Control Plan submitted.
MM 4.10-1a: Equipment with High-Tiered Engine Standards	Provide documentation demonstrating procurement of non-diesel-fueled construction equipment or diesel-fueled equipment that meets U.S. EPA Tier 4 emission standards	Documentation provided in Construction Equipment Efficiency Plan
MM 4.10-1b: Idling Restrictions	Provide documentation of idling policy	Construction Equipment Efficiency Plan submitted in conjunction with MM 4.10-1a includes adequate idling restrictions
MM 4.10-1c: Construction Fugitive Dust Control Plan	Submit Construction Fugitive Dust Control Plan to CPUC for review prior to commencement of construction activities	Plan submitted and determined to be complete
MM 4.10-1e: Off-site Mitigation Program	Provide documentation of agreement with MBARD or documentation of infeasibility of such a program	Documentation submitted verifying program is infeasible given MPWSP construction schedule
MM 4.12-1a: Neighborhood Notice and Construction Disturbance Coordinator	Provide name and contact information for Construction Disturbance Coordinator and documentation of neighborhood notification	Information/documentation submitted and determined to be complete
MM 4.12-1b: General Noise Controls for Construction Equipment and Activities	Provide documentation of required noise controls	Daytime Noise Control Plan submitted that adequately addresses noise emissions control, impact tools, and location of noisy activities.

Applicant Proposed Measure / Mitigation Measure	Implementing Actions	Status/Determination
MM 4.13-1a: Locate and Confirm Utility Lines	Submit Underground Service Alert (USA) clearance tickets	USA notification provided
MM 4.13-1b: Coordinate Final Construction Plans with Affected Utilities	Submit Underground Service Alert (USA) clearance tickets	USA notification provided
MM 4.13-1c: Safeguard Employees from Potential Accidents Related to Underground Utilities	Submit Underground Service Alert (USA) clearance tickets	USA notification provided; Health and Safety Plan submitted and determined to be complete
MM 4.13-1d: Emergency Response Plan	Submit Emergency Response Plan to CPUC for review prior to commencement of construction activities	Plan submitted and determined to be complete
MM 4.13-1e: Notify Local Fire Departments	Submit verification of consultation with local fire departments	Notification submitted and verified
MM 4.13-2: Construction Waste Reduction and Recycling Plan	Submit Construction Waste Reduction and Recycling Plan to CPUC for review prior to commencement of construction activities	Plan submitted and determined to be complete
MM 4.15-2a: Establish Archeologically Sensitive Areas	Submit Archeological Monitoring Plan to CPUC for review prior to commencement of construction activities	Plan submitted and determined to be complete (included as Appendix F.1 of the MMCRP)
MM 4.18-1: Construction Equipment and Vehicle Efficiency Plan	Submit Construction Equipment and Vehicle Efficiency Plan to CPUC for review prior to commencement of construction activities	Plan submitted and determined to be complete

CalAm is authorized to proceed with the proposed construction activities associated with NTPR-1 provided that all proposed actions and construction is carried out in accordance with the methods and conditions described in NTPR-1 and subject to completion of the following implementing actions by CalAm prior to the start of construction:

- CalAm will implement the MMCRP to ensure implementation of all Applicant Proposed Measures (APMs), applicable Project Mitigation Measures (MMs), compliance plans, and permit conditions during construction activities. Some measures are on-going and/or have time-sensitive requirements and shall be implemented prior to and during construction as applicable. A copy of the MMCRP will be kept at the construction site.
- Copies of all permits, compliance plans (e.g., MMCRP), and the NTP shall be maintained on-site for the duration of the construction activities.

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- Prior to construction activities, CalAm will conduct a Worker Environmental Awareness Program (WEAP) for all Project personnel, including construction and monitoring personnel. CalAm will maintain training logs at the construction site and they will be made available upon request.

Sincerely,

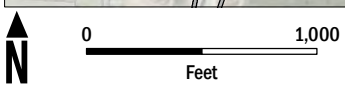
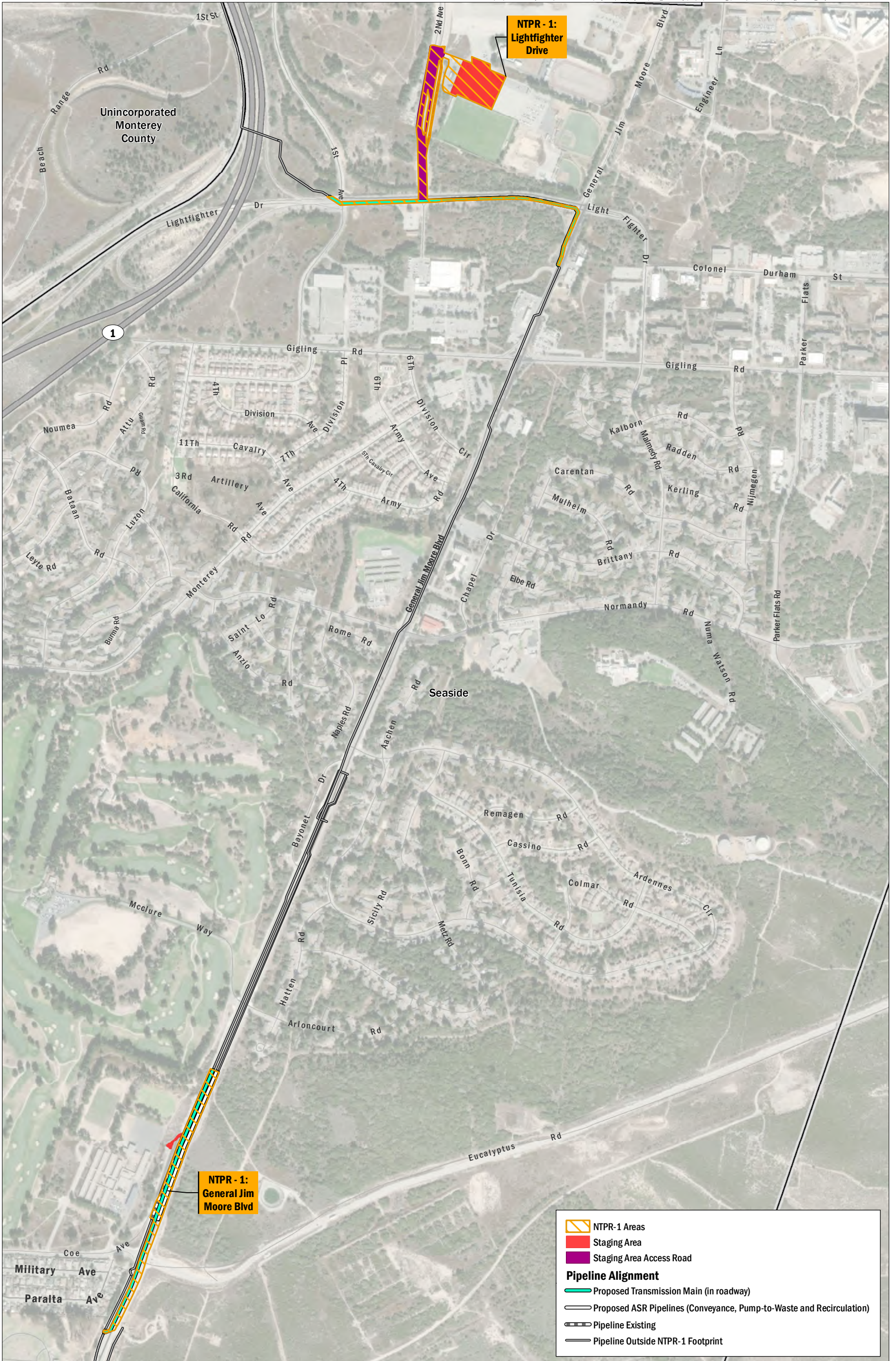
A handwritten signature in black ink that reads "John Forsythe". The signature is written in a cursive, slightly slanted style.

John Forsythe, AICP
CPUC Environmental Project Manager

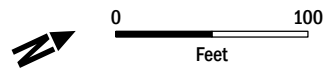
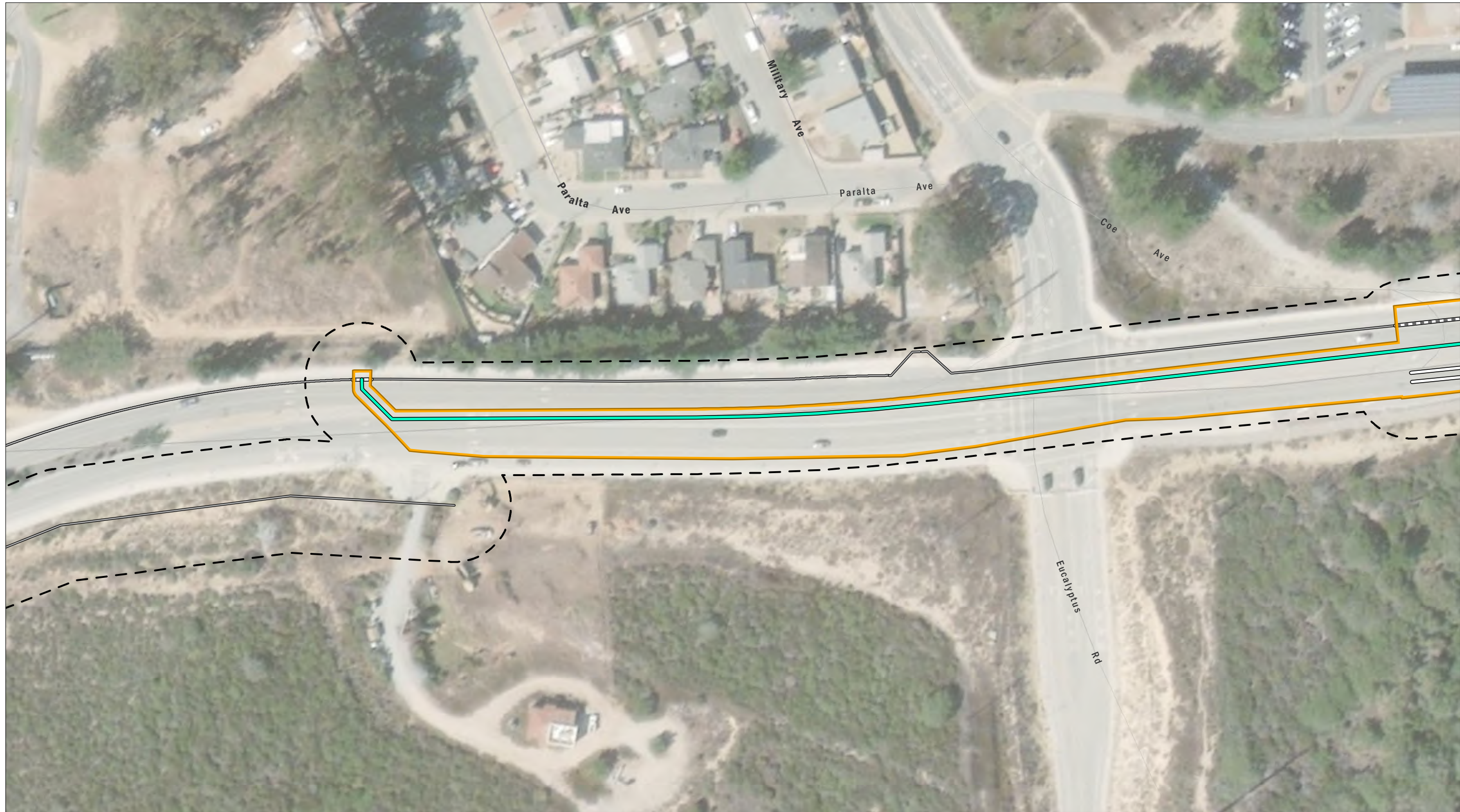
cc: Eric Zigas, ESA
Cory Barringhaus, ESA

Appendix A

Project Maps









Source: ESRI, 2019; California American Water, 2019

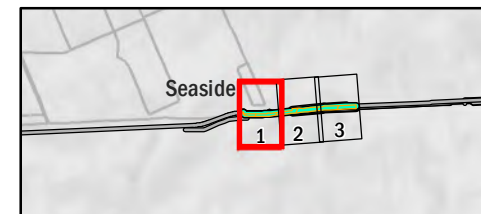


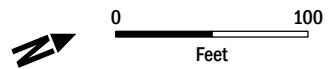
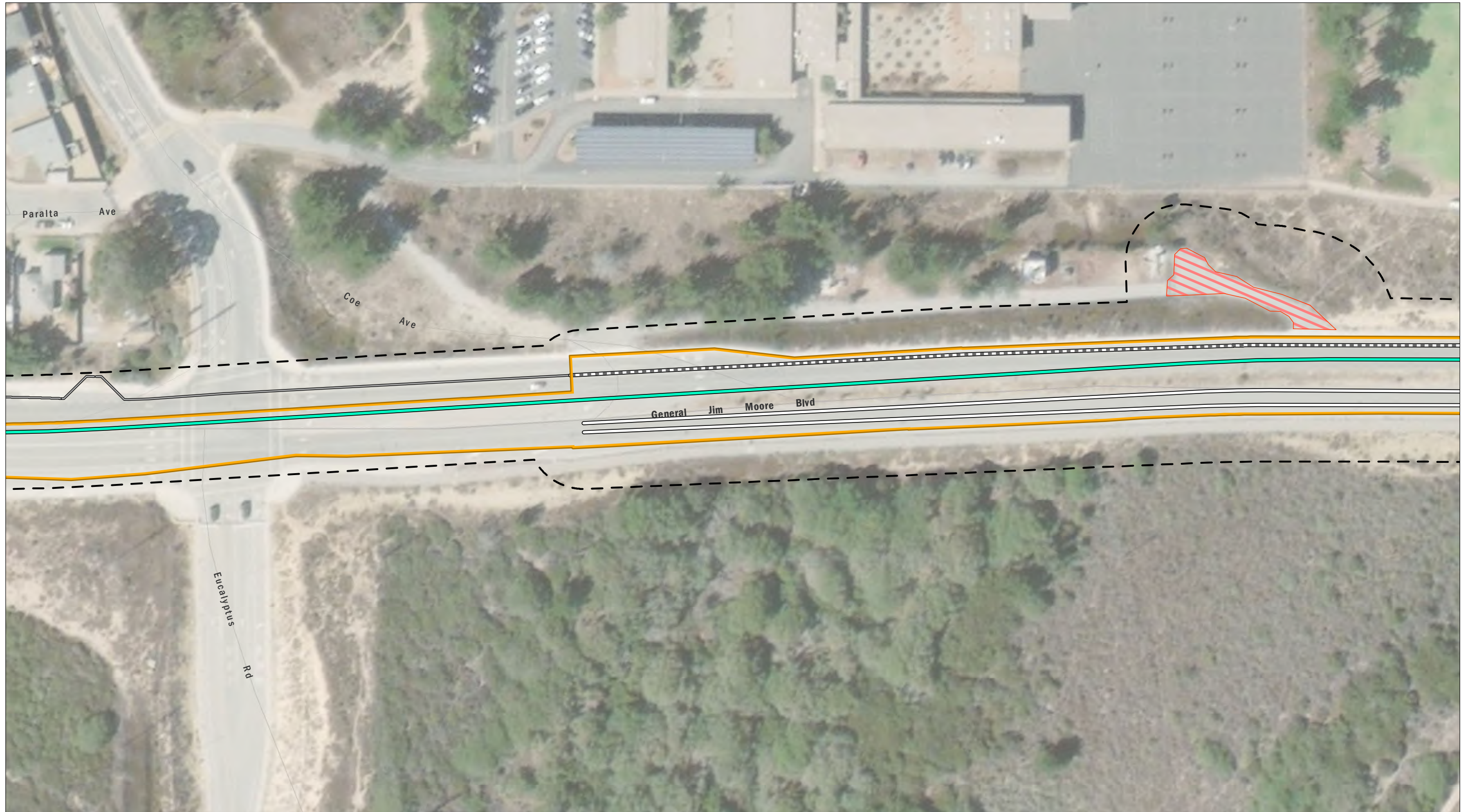
Source: ESRI, 2019; California American Water, 2019

AECOM
California American Water
Transmission Main and Aquifer Storage & Recovery (ASR) Facilities
MONTEREY PENINSULA WATER SUPPLY PROJECT, MPWSP

-  Biological Study Area
-  NTPR-1 Project Footprint
- Pipeline Alignment**
-  Proposed Transmission Main (in roadway)
-  Proposed ASR Pipelines (Conveyance, Pump-to-Waste and Recirculation)

-  Pipeline Existing
-  Pipeline Outside NTPR-1 Footprint

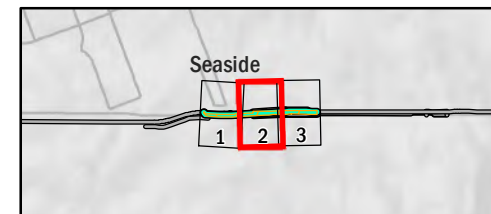


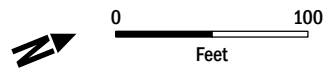


Source: ESRI, 2019; California American Water, 2019

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


- Biological Study Area
- Staging Area
- NTPR-1 Project Footprint
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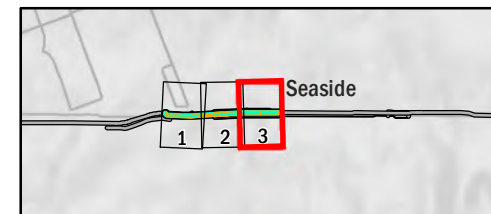


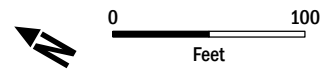


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

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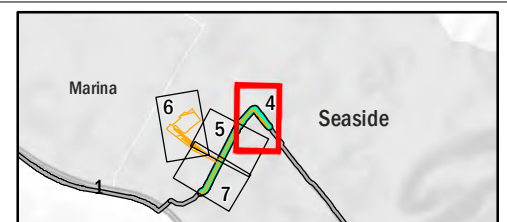


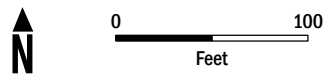


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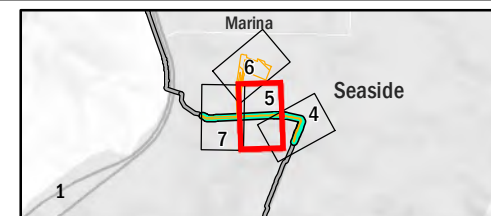


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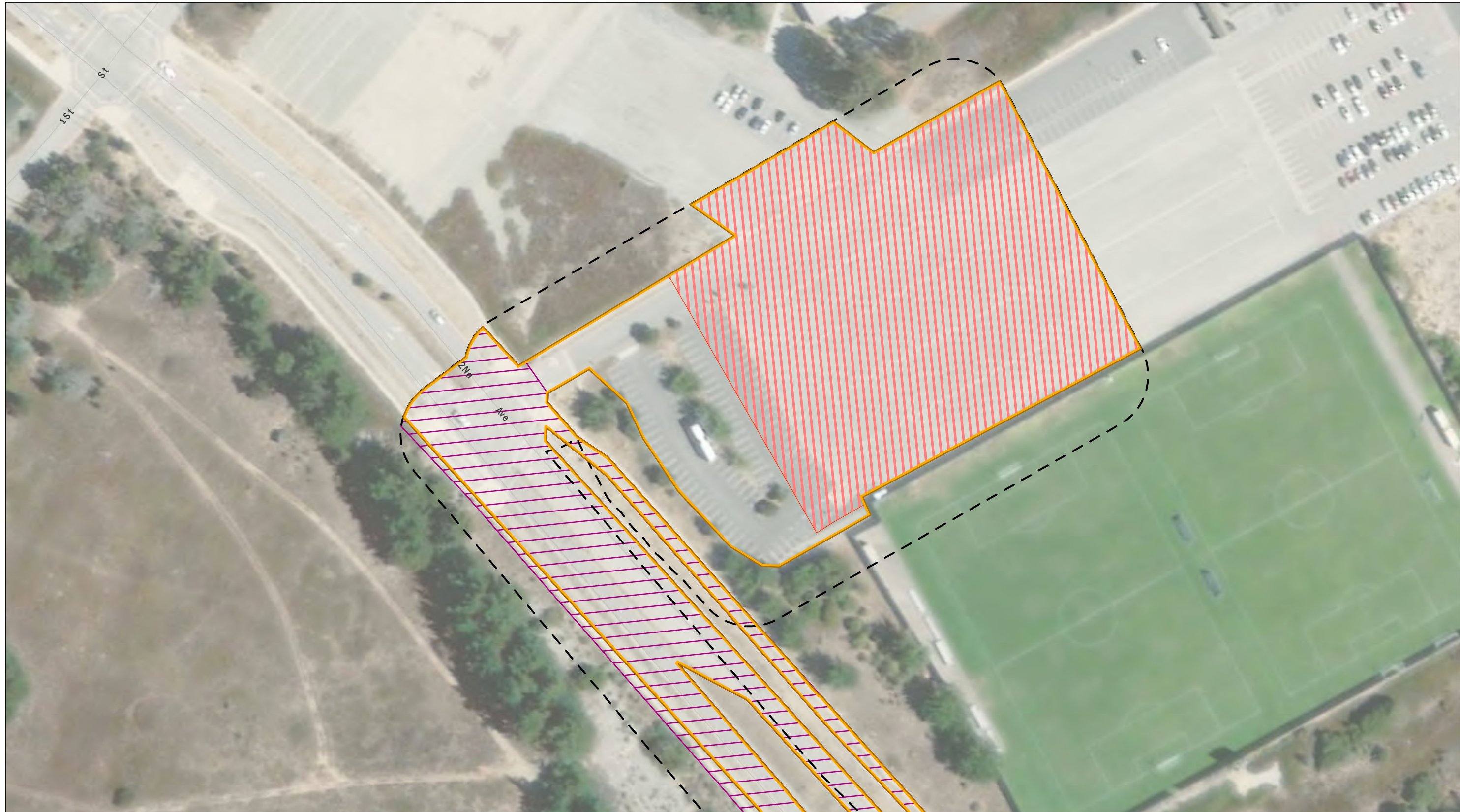
-  Biological Study Area
-  Staging Area Access Road
-  NTPR-1 Project Footprint
- Pipeline Alignment**
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 Pipeline Outside NTPR-1 Footprint



APPENDIX B





NTPR-1 Construction Footprint Map
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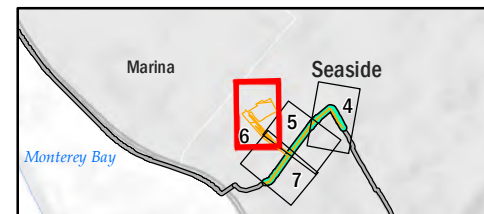


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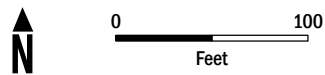
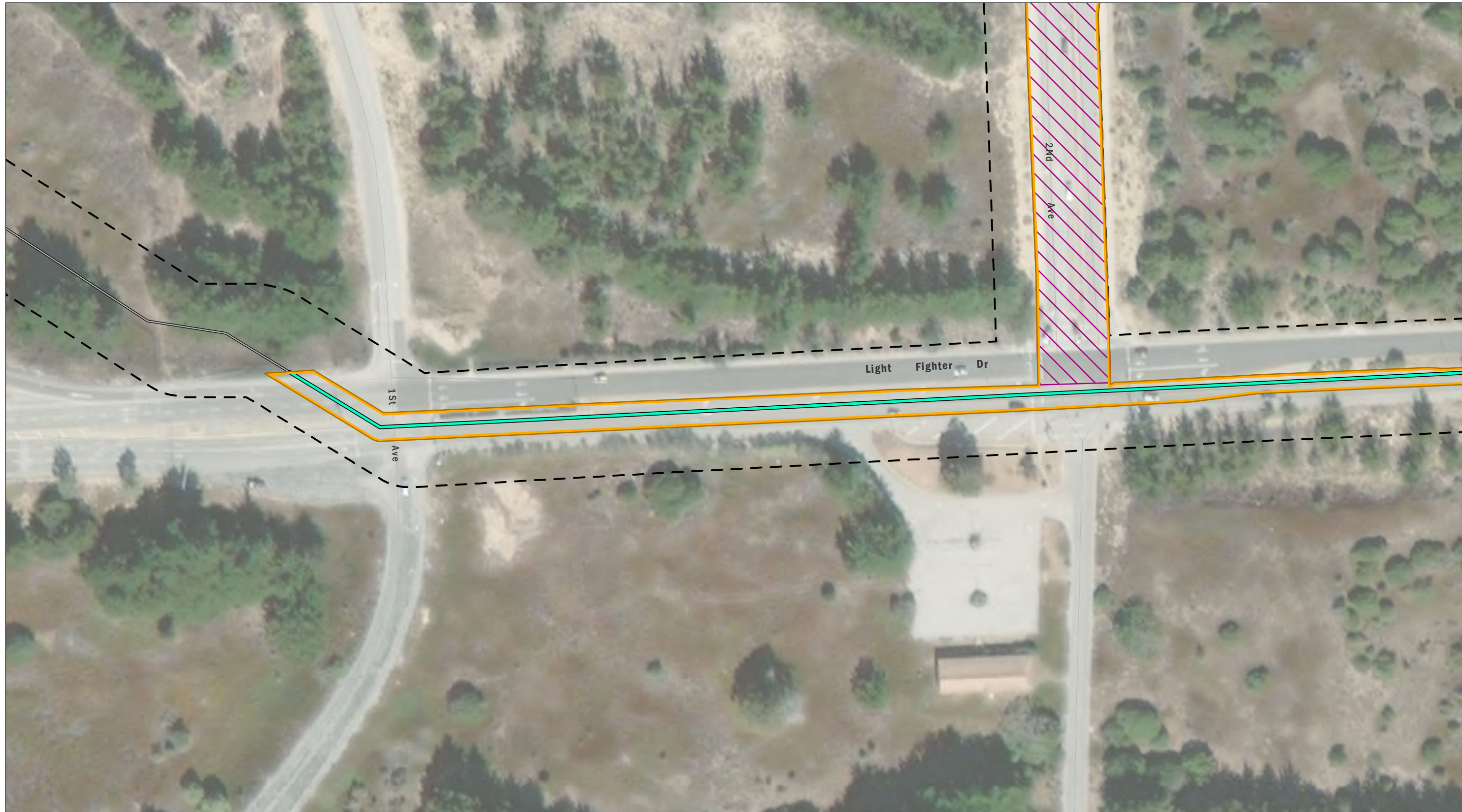
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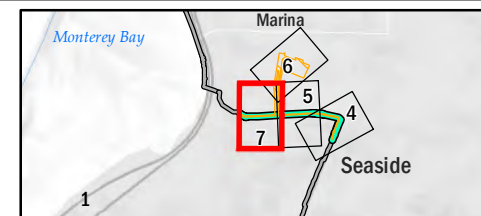
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