



## PUBLIC WORKS PLAN REVIEW

**DATE:** 02/14/2025

**NAME:** Scenic Road Pipeline Replacement Project

**LOCATION:** Scenic Road from Ocean Avenue to Santa Lucia Avenue

**PREPARED BY:** Javier Hernandez, PM

**REVIEW RECOMMENDATION:** Conditions of Approval

**GENERAL:** *DO NOT resubmit plans for recheck until comments from all disciplines have been addressed.*

The Scenic Road Pipeline Replacement Project (Project) is a major undertaking by Carmel Area Wastewater District (CAWD), their construction Contractor, (Contractor, or Permittee), and Engineer of Record consultant.

Construction of this Project will have significant impacts to the City of Carmel-by-the-Sea's roadway infrastructure, traffic, citizens, and businesses.

The following Conditions of Approval of the Encroachment Permit have been developed jointly by CAWD and the City of Carmel-by-the-Sea (City) to minimize the impacts and inconvenience to the public while accommodating construction of a difficult and unique pipeline rehabilitation project. CAWD, the Contractor, and City acknowledge that the conditions and work performed under this Permit may not be all-inclusive and that not every situation during construction can be ascertained at the time that these Conditions of Approval are issued. Consequently, the parties agree to work together in good faith to resolve field conflicts expeditiously, adapt these conditions to fit actual field conditions, and provide workmanship in the best interest of the public.

All Conditions of Approval are subject to modification and addition by the City to ensure the safety and welfare of the public, construction workers, and public and private property. References to the City means the Director of Public Works or his designee, including assigned contracted personnel, if any.

### Conditions of Approval

1. The City has completed the issuance of a Coastal Development Permit for this project which included environmental review. The applicant, Carmel Area Wastewater District, was the Lead CEQA Agency and adopted a Mitigated Negative Declaration for the project.
2. As-built drawings shall be submitted to the City prior to acceptance of the surface improvements.
3. Public Relations: CAWD shall implement the following outreach program as a minimum during construction of the Project:
  - a) Project shall be presented at City Council Meeting prior to approval,

- b) Local/neighborhood meetings throughout the project may be required.
  - c) Door hangers and notices
  - d) Project barricades shall identify Project name and include Project owner contact information.
  - e) Magnetic truck signs (optional)
4. Council Meeting/Study Session: CAWD to make additional presentations to the City Council upon request.
  5. Joint Utility Coordination Meetings: CAWD to continue to attend and present updates at bi-monthly Joint Utility Coordination Meetings.
  6. Plan Checking: During construction of the Project, the City will provide plan checking services for: revisions to traffic control plans, ADA ramps, relocated sewer laterals, relocated storm drain pipelines, intersection modifications, and street and sidewalk improvements that cannot be reconstructed to meet preconstruction conditions in accordance with ADA standards, due to utility conflicts or similar reasons.
  7. Construction Inspection: Quality Control (QC) Inspection shall be performed by CAWD or CAWD's contracted consultant(s). The City's inspections, whether by City staff, consultants, or combination, is intended for Quality Assurance (QA) purposes. City requests copies of all QC inspection daily inspection reports, and all QC materials testing results performed by independent firm related to trench backfill, compaction, trench restoration, and final resurfacing. City will make City's QA inspection reports and materials testing reports available to CAWD upon request.
  8. Right-of-Way: Provide evidence to the City of any right-of-entry permits and/or temporary or permanent easements on private properties within City limits.
  9. Permits (Other): Provide City with a copy of the following permit for this Project:
    - a) California Department of Health Services Office of Drinking Water Variance for Water/Sewer line separation requirements if applicable.
  10. The City's Pavement Rehabilitation Project: While no conflicts are anticipated, the City and Contractor will meet in good faith to determine a resolution which minimizes impacts to both construction projects which may occur in close proximity on a temporary basis.
  11. Key City Events: CAWD's Project Manager and City's Project Manager to coordinate during construction and advise construction team of upcoming City events. City to provided listing of key City Events, and Contractor will make good faith efforts to reduce public inconvenience, or cease operations, during City events.
  12. Conformed Plans: Provide City with one (1) full size and one (1) half size set of conformed plans and one (1) copy of the specifications with all appendices prior to the start of construction at no cost to City.
  13. Street Trees: No trees are to be removed under this Permit. Contractor's arborist to contact City Forester at (831) 877-0949 for site consultations prior to trimming any canopy or roots of any City tree. Any trees damaged by Contractor's operations shall be replaced and maintained for a period for up to five (5) years as required by the City Forester. Roots no larger than 2 inches

shall not be cut without approval by the City Forester. The City's Forester will walk the project prior to start of construction to identify potential concerning areas or tree locations.

15. Discharges are not permitted into the City's storm drain system, including into lakes or streams. This applies to construction water and future operations of the pipeline. Discharges into the sanitary sewer system require prior approval of CAWD.
16. Staging Areas: provide to the City legal evidence of the use of all staging area(s) located within City limits.
17. Haul Roads: Haul roads will follow pipeline alignment and approved traffic control plans to the extent possible. Deviations require prior approval of the City.
18. Striping/Markings: Existing signs, striping, pavement legends, and markings damaged or removed by construction operations will be restored to current City standards and as directed by the City. Provide temporary pavement markings and striping on arterials in accordance with MUTCD and Caltrans standards. Provide permanent striping, legends, and markings within 10 business days of permanent pavement restoration. City to provide specifications on painting, striping, and markings.
19. Parking Notices, Tees and Stalls: provide a minimum of 72-hour advance notices for no parking zones every 50 feet in each direction affected. Restore parking tees per City standard detail. Parking notices will indicate the start date and anticipated duration of work within the affected area. Please do not be overlay conservative in completion dates. Coordinate no parking zones with the City's Project Manager.
20. Crosswalks: Restore crosswalk striping per City standard regardless of existing condition.
21. Ingress, Egress, and Parking Impacts: Notify, coordinate, and resolve access, ingress, egress, special needs (disabilities), and parking issues with all private property owners/tenants and businesses along the pipeline route. Contractor to always provide access to residents.
22. Incomplete Street Openings (barriers and steel plates): Where street openings cannot be backfilled during the day of opening, suitable barriers shall be placed around the excavation to prevent accidents, and lighted barricades shall be continuously maintained at the opening site. Alternatively, steel plates may be placed over or flush with the trench if traffic would otherwise be impeded. Steel traffic plates may be used at the end of trench in order to start work the following day without having to re-excavate the trench. No more the two steel plates shall be used at the finishing end of trench.

Temporary trench repair: all streets shall be temporarily restored with either cold mix or hot mix asphalt (HMA). The temporary trench patch must be kept in good condition with a reasonably smooth riding surface until structural pavement restoration. If cold mix asphalt is used, at the discretion of the City, the Contractor may be required to pave with the initial half of the alignment with HMA if the conditions or required maintenance of cold mix asphalt continues to be an issue.

The temporary trench repair asphalt shall be removed prior to structural pavement restoration. Asphalt replacement shall extend 1' beyond trench cut on each side of the trench. Where gutter edge or nearest lane line is less than 3' from trench limit, pavement shall be replaced to gutter edge or to nearest lane line. When adjacent trenches are less than 3' from edge to edge, asphalt between trenches shall be removed and replaced. Additional pavement beyond the trench limits will be evaluated with site inspections if damage from construction to surrounding pavement occurs. The structural pavement restoration will be paved to a depth of at least 1" greater than existing pavement thickness.

Final surface restoration: within 3 months of pipeline completion, or as otherwise agreed to by the City, all streets along the pipeline alignment shall be completed with final resurfacing (gutter to gutter, or curb to curb). Preference will be given to pave/resurface long segments of streets at one time. Areas of defective pavement shall be removed and replaced prior to resurfacing in coordination with City inspection and City standards. Pavement resurfacing shall be micro-surfacing on both residential and arterial streets. Micro-Surfacing designs to be pre-approved by the City.

23. Contractor to avoid trenching or work that would trigger ADA ramps. Contractor shall contact the City if there are any questions or concerns about which work could trigger ADA ramps.
24. Prior to issuance of a Building Permit, the applicant shall submit a completed BMP tracking form for review and approval by the City. The Contractor shall implement the best management practices and have them in place prior to any construction operation being initialized. bmp details have been added to the contract documents. Contractor responsible for any additional measures that may be required for this project, or to obtain approval by the City.
25. Construction Operations:
  - A) cover all trucks hauling soil.
  - B) sweep all paved roads daily or as directed by City.
  - C) enclose or cover daily exposed stockpiles.
  - D) trees and vegetation not planned for removal or trimming shall be protected in place prior to construction.
  - E) on-site spill containment measures shall be available at all work headings.
  - F) in addition to other required notifications, "Contractor" shall also promptly notify the City of any archaeological findings in the event any are encountered. Cease all operations immediately and follow State and Regional requirements.
  - G) in addition to other required notifications, "Contractor" shall also promptly notify the City of findings of any human remains in the event any are encountered. Cease all operations immediately and follow State and Regional requirements.
  - H) designate worker parking areas that minimize parking displacement, and review worker parking strategies with City.
26. Project Schedules: Provide the City a construction "3 week look ahead" schedule on a regular basis. In lieu of a weekly construction schedule, a detailed project schedule will be required on at least a monthly basis.
27. Protection: Trench compaction shall be limited to the use of a compactor in a manner that induces an external load at the point of compaction of no greater than 2,450 psf at the following locations:
  - Locations where utilities (storm drain and water) are found to be located within 6'-5" of the outside diameter of the pipeline (i.e. based on USA markings and/or potholing), and
  - All crossings where the sewer is located below the water main.in lieu of compaction, the Contractor may backfill the trench with City-approved cement slurry.
28. Potholing: Pothole data shall be incorporated into As-built/red line set.

29. Emergency Contacts: Contractor to provide a list of at least three (3) names of 24/7 emergency contacts who can respond to accidents, traffic control and trench restoration issues. In addition, CAWD shall furnish and maintain an updated, comprehensive list of all project stakeholders, to include primary and alternate contacts, including CAWD, engineer of record, CalAM, PG&E, AT&T, Comcast, County of Monterey, and other key stakeholders.
30. Construction Work Hours: Night time work under this permit is not allowed. All other work is to be completed within the hours of 8:00 am -5:00 pm, Monday through Friday. If after hours, weekend, or holiday work is requested, prior authorization must be granted by the City. Additionally, no work will be permitted on Scenic Road between Memorial Day weekend and Labor Day. The City will charge an additional fee for all the work occurring outside of standard working hours.
31. Relocated Utilities: While no relocations of City facilities are anticipated at this time, if necessary, they will be properly planned, designed, and coordinated in advance of construction as a result of potholing. In the event that an unforeseen condition during construction requires the prompt realignment or relocation of an existing City utility or facility (i.e. water or storm drain pipe, drainage inlet), the Contractor/engineer of record shall provide sketches of both the existing condition and proposed condition in plan and profile, along with photographs and the improvement plans illustrating the exact location. A meeting will then be held at the site, or a phone conference will be held as soon as possible. Upon the City's assessment and approval, the work may proceed. The relocated facility will be shown on the as built plans. In the event of an emergency where immediate repairs are warranted, Contractor/engineer of record shall make a good faith effort to contact the City prior to making emergency repairs.
32. Traffic Control Plans: TCP's for the Project shall be submitted and approved by the City prior to commencement of construction. Additional or modifications to approved traffic control plans must also be approved by City prior to construction along the affected street segment. Final TCPs to be provided by Contractor.
33. Pedestrian/Bicycle Detour Plans: Provide safe provisions for pedestrians and bicycles around construction zones as required by the City.
34. Hazardous Materials: Handle, treat, and/or dispose of hazardous materials per specifications or as otherwise directed by the regulatory agency having jurisdiction.
35. Preconstruction Video: Contractor to provide the City with a preconstruction video of existing surface improvements shown from both directions, of acceptable clarity and quality to the City. In addition, provide copy of preconstruction photographs of specific locations within two (2) business days as requested by City.
36. Survey Monuments: Survey monuments removed or damaged due to construction operations shall be restored by a licensed land surveyor. All survey monuments located within the trench patch shall be replaced in accordance with City standard.
37. U.S.A. Notification: At least 2 days before any excavation, Contractor must contact underground service alert at 1-800-227-2600.
38. Cutting Street Surfaces: all concrete and asphalt streets, and concrete and asphalt sidewalks, curbs, gutters, medians, and dikes, will be saw cut with smooth straight edges unless otherwise approved by the City.
39. Headings: To prevent multiple, simultaneous traffic detours, no more than one pipeline heading is permitted on this project at one time within the City limits without prior approval from the City.

40. Clean Up: Upon completion of work along a street segment, all materials, traffic control devices, scraps and other materials and debris shall be entirely removed and the right of way left in a condition satisfactory to the City.
41. Damage to Existing Facilities: Promptly make repairs to the public right-of-way or underground utilities that are damaged by the work authorized by this permit. Damage to City streets outside of the pipeline alignment caused by construction operations, and specifically including haul routes, shall also be repaired to pre-construction conditions. These repairs shall be to the satisfaction of the City. Damage to third party utilities shall be repaired as required by the applicable utility's owner.
42. Storage of Materials: No stockpiling of material will be allowed along the sidewalk or on private property. Stockpiling along the street must be contained within the barricaded/protected areas of work site or as approved by the City. No stockpiling shall be located in the drainage path.
43. Concrete Washout Locations: Locations must be pre-approved by the City.
44. Emergency Access: Always maintain access for emergency vehicles.
45. Emergency Response Notifications: Contractor shall notify police and fire (831) 624-6403, and ambulance service providers at least 48 hours in advance as to proposed road/lane closures, detours, and alternate routes available.
46. School Zones: Avoid truck trips through designated school zones during school drop off and pickup hours. Provide construction schedule updates to the schools for bus route coordination.
47. Road Closure Notifications: Notify MST, GreenWaste, Waste Management, school districts and affected residences and businesses at least 48 hours in advance as to proposed closures and alternate routes available.
48. Private Improvements: Restore, repair, or replace private property improvements damaged by construction operations to the pre-construction conditions as commercially practical and to the private property owner's satisfaction. In the event the private property owner is not satisfied with the restoration or repair of damaged improvements, CAWD's Project Manager, and/or other such representative, shall meet with the property owner to resolve the issue.
49. Construction Progress Meetings: City expects to be invited and be able to actively participate in stakeholder construction progress meetings. Regardless of attendance, the City shall receive copies of progress meeting agendas and meeting minutes.
50. Construction Correspondence: City requests to be copied on project correspondence, submittals, RFI's, etc. pertaining to restoration of surface improvements within the City limits.
51. Final Inspection: Prior to a final inspection, all surface improvement work must be approved to the satisfaction of the City in accordance with applicable specifications and standards.
52. Insurance: Permit holder shall furnish a Certificate of Insurance showing there is in force the following valid policy showing the permit holder as the named insured and showing: a) commercial general liability-a minimum \$5,000,000 combined single limit per occurrence for bodily injury and property damage including products and completed operations, and 2) workers compensation and employers liability; limit of not less than \$1,000,000 per accident as required by the labor code of the state of California. Permit holder hereby waives any rights of subrogation against the City respecting worker's compensation. Commercial general liability certificate must be accompanied by the following endorsements: 1) the City of Carmel by the sea, its officials, officers, directors,

employees, agents and volunteers (hereinafter "City covered parties") are named as additional insureds; 2) notice of cancellation or changes of coverage shall be given to the City. The insurance is primary insurance with respect to the City covered parties. Any other insurance the City may have shall be considered excess insurance only. Permit holder's insurance shall also include a separation of insured's provision so that permit holder's insurance shall apply separately to each insured against whom liability is asserted. Failure of the Contractor to obtain and maintain the insurance as noted above may cause the denial and/or revocation of the Contractor's permit, at the sole and absolute discretion of the City.

53. Business Licenses: Contractor and consultants are required to possess or obtain a City of Carmel-by-the-Sea business license prior to the start of work.
54. Work along Scenic Road will be limited to 20 working days. This effort shall be coordinated with the City and all residents affected shall be notified a minimum of two weeks in advance.
55. Pedestrian access to the beach shall not be obstructed or closed at anytime without prior approval from the City.