

DIVISION FIVE
SPECIAL PROVISIONS & TECHNICAL SPECIFICATIONS
FOR
ALTA DRIVE TRENCH PAVING REPAIR
LA SELVA BEACH, CALIFORNIA

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SECTION 500. DESCRIPTION OF WORK

The Contractor shall furnish, in accordance with the Soquel Creek Water District (SCWD) Standard Specifications and Standard Plans, these Special Provisions, and the Contract Documents, all labor, materials, tools, and equipment and perform all work required in:

- Removing 3,600 sq-ft of asphaltic concrete pavement, compacting the existing base and re-paving with 3-inch (+/-) asphaltic concrete.
- Resetting SIX (6) water valve and blow off valve boxes.
- All other incidental work.

The work site is located in La Selva Beach, Santa Cruz County, CA.

SECTION 501. SPECIFICATIONS & PLANS

The Contractor shall perform the work specified herein in accordance with the SCWD Standard Specifications and Standard Plans adopted by the Board of Directors on August 2, 1994, Standard Specifications and Standard Plans of the California Department of Transportation and Standard Specifications & Standard Plans of the County of Santa Cruz, California.

SCWD Standard Specifications and Standard Plans are available for purchase at the SCWD Office for an additional \$25 per set. (For more information, please call 831-475-8500.)

In case of conflict between the SCWD Standard Specifications and Standard Plans and these special provisions, the special provisions shall take precedence and be used in lieu of such conflicting portions.

SECTION 502. CHECKLIST FOR BIDDERS

- Bid Opening is scheduled for June 2, 2006 at 2:00 PM in the SCWD Board Room, 5180 Soquel Drive, Soquel, CA 95073.
- **DO NOT REMOVE BID DOCUMENTS FROM THESE BOUND SPECIFICATIONS.** Unbound bid documents will result in immediate disqualification.

- SIGN & INCLUDE ALL ADDENDUM(S) WITH THE BID DOCUMENTS. Bid Documents with missing addendums will result in immediate disqualification.
- Include a bidder's bond, certified check, or cashier's check for the amount equal to 10% of the bid amount.
- Complete and Fill-Out the Yellow Sheets and Proposal in the Bid Documents. The lowest competitive bidder shall complete the green sheets after the project has been awarded.

If you have any questions, please contact the Engineering Department at 831-475-8500.

SECTION 503. BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES

It is estimated that a maximum of 7 days shall pass from the date sealed bids are opened until the "Notice to Proceed" is issued.

The Contractor shall return the executed contract accompanied by bonds and insurance certificates following the award of the contract. The District shall issue a letter and Purchase Order authorizing the Contractor to begin construction. The Contractor shall begin work per the Start Date set on the "Notice to Proceed," unless the District has approved a time extension. The District may delay the start of work due to such factors as inclement weather, material availability, and other unforeseen factors.

SECTION 503.1 CONTRACT TIME OF COMPLETION

Contract Time of Completion shall be **20-working** days following the effective date of the Notice to Proceed.

The Contractor shall not perform work before 8:00 AM or after 5:00 PM each workday except for emergencies as defined in the SCWD Standard Specifications and Standard Plans. The Contractor shall not work on Saturdays, Sundays or holidays. For the purposes of this section the word "work" shall mean all noise producing activities including but not limited to starting of trucks or equipment, haulage, erection, construction, demolition, and transiting the access roads.

SECTION 503.2 LIQUIDATED DAMAGES

The District shall enforce Liquidated Damages per Section 108.09, "Assessment of Damages for Delay" of SCWD Standard Specifications if the Contractor fails to complete the in the time specified herewith.

SCHEDULE OF LIQUIDATED DAMAGES		
ORIGINIAL AMOUNT OF CONTRACT		PER DIEM AMOUNT OF LIQUIDATED DAMAGES
FOR MORE THAN	UP TO AND INCLUDING	
\$0.00	\$100,000.00	\$250.00
\$100,000.00	\$500,000.00	\$500.00
\$500,000.00	\$1,000,000.00	\$750.00
\$1,000,000.00	\$2,000,000.00	\$1,000.00
OVER \$2,000,000.00		AS SPECIFIED

The Contractor should refer to Division One, Sections 101-108, “General Conditions,” of the SCWD Specifications for additional provisions.

SECTION 503.3 PRECONSTRUCTION CONFERENCE

The Contractor shall meet with the District at the District Office following award of contract, but prior to commencement of site work. The Contractor shall furnish to the District at the preconstruction meeting the following items:

- A list of names, titles, addresses and telephone numbers of the Contractor’s personnel related to the project. Emergency and after-hours telephone numbers are to be included.
- A construction schedule setting forth the sequence in which construction will proceed. The schedule shall be a time-scale critical path type. Refer to Section 106.06, “Schedule” of SCWD Standard Specifications.
- Material submittals (5 copies minimum) per Section 107.10, “Submittals” of SCWD Standard Specifications.
- A Traffic Control Plan per Section 203, “Traffic Control” of SCWD Standard Specifications and these Special Provisions.
- A general notice describing the construction project and the expected impact on nearby residences. The Contractor shall also outline the Contractors’ willingness to minimize inconveniences to local residences. The Contractor shall deliver (not mail) the notice to local businesses and residents in the area 5 days prior to the Start of Construction. The Contractor shall include on the notice the Contractor’s telephone number and the contact person’s name. The Contractor shall submit the notice to the District for approval prior to distribution.

SECTION 503.4 INSURANCE REQUIREMENTS

The Contractor shall provide and maintain the following commercial general liability and automobile liability insurance:

Coverage

Coverage for commercial general liability and automobile liability insurance shall be at least as broad as the following:

1. Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 0001)
2. Insurance Services Office (ISO) Business Auto Coverage (Form CA 0001), covering Symbol 1 (any auto)

Limits

The Contractor shall maintain limits no less than the following:

1. General Liability - One million dollars (\$1,000,000) per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit or products-completed operations aggregate limit is used, either the general aggregate limit shall apply separately to the project/location (with the ISO CG 2503, or ISO CG 2504, or insurer's equivalent endorsement provided to the Soquel Creek Water District) or the general aggregate limit and products-completed operations aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability - One million dollars (\$1,000,000) for bodily injury and property damage each accident limit.

Required Provisions

The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The Soquel Creek Water District, its directors, officers, employees, and authorized volunteers are to be given insured status (via ISO endorsement CG 2010, CG 2033, or insurer's equivalent for general liability coverage) as respects: liability arising out of activities performed by or on behalf of the Contractors; products and completed operations of the Contractor; premises owned, occupied or used by the Contractor; and automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the Soquel Creek Water District, its directors, officers, employees, or authorized volunteers.

2. For any claims related to this project, the Contractor's insurance shall be primary insurance as respects the Soquel Creek Water District, its directors, officers, employees, or authorized volunteers. Any insurance, self-insurance, or other coverage maintained by the Soquel Creek Water District, its directors, officers, employees, or authorized volunteers shall not contribute to it.
3. Any failure to comply with reporting or other provisions of the policies including breaches of warranties shall not affect coverage provided to the Soquel Creek Water District, its directors, officers, employees, or authorized volunteers.
4. The Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
5. Each insurance policy required by this agreement shall state, or be endorsed to state, that the insurance carrier or the Contractor shall not cancel coverage, except after thirty (30) days (10 days for non-payment of premium) prior written notice by U.S. mail has been given to the Soquel Creek Water District.

Such liability insurance shall indemnify the Contractor and his/her sub-contractors against loss from liability imposed by law upon, or assumed under contract by, the Contractor or his/her sub-contractors for damages on account of such bodily injury (including death), property damage, personal injury, completed operations, and products liability.

The general liability policy shall cover bodily injury and property damage liability, owned and non-owned equipment, blanket contractual liability, completed operations liability, explosion, collapse, underground excavation, and removal of lateral support.

The automobile liability policy shall cover all owned, non-owned, and hired automobiles.

All of the insurance shall be provided on policy forms and through companies satisfactory to the Soquel Creek Water District.

Deductibles and Self-Insured Retentions

Any deductible or self-insured retention must be declared to and approved by the Soquel Creek Water District. At the option of the Soquel Creek Water

District, the insurer shall either reduce or eliminate such deductibles or self-insured retentions.

Acceptability of Insurers

Insurance is to be placed with insurers having a current A.M. Best rating of no less than A:VII or equivalent or as otherwise approved by the Soquel Creek Water District.

Workers' Compensation and Employer's Liability Insurance

The Contractor and all sub-contractors shall insure (or be a qualified self-insured) under the applicable laws relating to workers' compensation insurance, all of their employees working on or about the construction site, in accordance with the "Workers' Compensation and Insurance Act", Division IV of the Labor Code of the State of California and any Acts amendatory thereof. The Contractor shall provide employer's liability insurance with limits of no less than \$1,000,000 each accident, \$1,000,000 disease policy limit, and \$1,000,000 disease each employee.

Responsibility for Work

Until the completion and final acceptance by the Soquel Creek Water District of all the work under and implied by this agreement, the work shall be under the Contractor's responsible care and charge. The Contractor shall rebuild, repair, restore and make good all injuries, damages, re-erections, and repairs occasioned or rendered necessary by causes of any nature whatsoever.

The Contractor shall provide and maintain builder's risk insurance (or installation floater) covering all risks of direct physical loss, damage or destruction to the work in the amount specified in the General Conditions, to insure against such losses until final acceptance of the work by the Soquel Creek Water District. Such insurance shall insure at least against the perils of fire and extended coverage, theft, vandalism and malicious mischief, and collapse. The Soquel Creek Water District, its directors, officers, employees, and authorized volunteers shall be named insured on any such policy. The making of progress payments to the Contractor shall not be construed as creating an insurable interest by or for the Soquel Creek Water District or be construed as relieving the Contractor or his/her subcontractors of responsibility for loss from any direct physical loss, damage or destruction occurring prior to final acceptance of the work by the Soquel Creek Water District.

The Contractor shall waive all rights of subrogation against the Soquel Creek Water District, its directors, officers, employees, or authorized volunteers.

Evidences of Insurance

Prior to execution of the agreement, the Contractor shall file with the Soquel Creek Water District a certificate of insurance (Acord Form 25-S or equivalent) signed by the insurer's representative evidencing the coverage required by this

agreement. Such evidence shall include an additional insured endorsement signed by the insurer's representative and evidence of waiver of rights of subrogation against the Soquel Creek Water District (if builder's risk insurance is applicable). Such evidence shall also include confirmation that coverage includes or has been modified to include Required Provisions 1-5.

The Contractor shall, upon demand of the Soquel Creek Water District, deliver to the Soquel Creek Water District such policy or policies of insurance and the receipts for payment of premiums thereon.

Continuation of Coverage

If any of the required coverage expire during the term of this agreement, the Contractor shall deliver the renewal certificate(s) including the general liability additional insured endorsement and evidence of waiver of rights of subrogation against the Soquel Creek Water District (if builder's risk insurance is applicable) to the Soquel Creek Water District at least ten (10) days prior to the expiration date.

Sub-Contractors

In the event that the Contractor employs other contractors (sub-contractors) as part of the work covered by this agreement, it shall be the Contractor's responsibility to require and confirm that each sub-contractor meets the minimum insurance requirements specified above.

SECTION 503.5 HOLD HARMLESS AND INDEMNIFICATION

To the fullest extent permitted by law, Contractor shall indemnify and hold harmless and defend Soquel Creek Water District, its directors, officers, employees, or authorized volunteers, and each of them from and against:

- a. Any and all claims, demands, causes of action, damages, costs, expenses, losses or liabilities, in law or in equity, of every kind or nature whatsoever for, but not limited to, injury to or death of any person including Soquel Creek Water District and/or Contractor, or any directors, officers, employees, or authorized volunteers of Soquel Creek Water District or Contractor, and damages to or destruction of property of any person, including but not limited to, Soquel Creek Water District and/or Contractor or their directors, officers, employees, or authorized volunteers, arising out of or in any manner directly or indirectly connected with the work to be performed under this agreement, however caused, regardless of any negligence of Soquel Creek Water District or its directors, officers, employees, or authorized volunteers, except the sole negligence or willful misconduct or active negligence of Soquel Creek Water District or its directors, officers, employees, or authorized volunteers;

- b. Any and all actions, proceedings, damages, costs, expenses, penalties or liabilities, in law or equity, of every kind or nature whatsoever, arising out of, resulting from, or on account of the violation of any governmental law or regulation, compliance with which is the responsibility of Contractor;
- c. Any and all losses, expenses, damages (including damages to the work itself), attorneys' fees, and other costs, including all costs of defense, which any of them may incur with respect to the failure, neglect, or refusal of Contractor to faithfully perform the work and all of the Contractor's obligations under the agreement. Such costs, expenses, and damages shall include all costs, including attorneys' fees, incurred by the indemnified parties in any lawsuit to which they are a party.

Contractor shall defend, at Contractor's own cost, expense and risk, any and all such aforesaid suits, actions, or other legal proceedings of every kind that may be brought or instituted against Soquel Creek Water District or its directors, officers, employees, or authorized volunteers.

Contractor shall pay and satisfy any judgment, award or decree that may be rendered against Soquel Creek Water District or its directors, officers, employees, or authorized volunteers, in any and all such suits, actions, or other legal proceedings.

Contractor shall reimburse Soquel Creek Water District or its directors, officers, employees, or authorized volunteers, for any and all legal expenses and costs incurred by each of them in connection therewith or in enforcing the indemnity herein provided.

Contractor's obligation to indemnify shall not be restricted to insurance proceeds, if any, received by the Soquel Creek Water District, or its directors, officers, employees, or authorized volunteers.

SECTION 504. GENERAL CONSTRUCTION

SECTION 504.1 REFERENCED SPECIFICATIONS

The Contractor shall perform the work specified herein in accordance with Soquel Creek Water District Standard Specifications and Plans, adopted by the Board of Directors on August 2, 1994, periodic updates that have been approved by the Chief Engineer and distributed to Specification holders, applicable provisions of the State of California Standard Specifications (CALTRANS) current edition, and the current edition of the County of Santa Cruz Design Criteria Manual when applicable.

SECTION 504.2 EXISTING CONDITIONS

Existing utilities, structures and natural features, where known, have been indicated at their approximate locations on the Contract Plans. The locations of such features are intended only as an aid to the Contractor and in no way relieves him of the responsibility of determining and verifying the size and locations of all potential conflicts which might be encountered in the performance of the work, whether indicated on the plans or not. The Contractor shall restore drainage patterns and facilities to pre-existing conditions.

SECTION 504.3 TRAFFIC CONTROL

Description

The Contractor shall provide the District with a traffic control plan 5 days prior to the start of construction. The District and County of Santa Cruz shall approve the plan prior to beginning construction. The Contractor shall provide a plan in compliance with the State of California, Department of Transportation "Manual of Traffic Controls for Construction and Maintenance Work Zones," latest edition. The Contractor shall ensure the plan be in general conformance with the provisions of Standard Plan No. T12, "Traffic Control System for Lane Closure on Multilane Conventional Highways" and/or Standard Plan No. T13, "Traffic Control System for Lane Closure on Two Lane Conventional Highways" of the Cal-Trans Standard Plans.

The Contractor shall install "Construction Zone, Speed Limit 15 MPH" signs on semi-permanent posts prior to construction along the proposed construction area. The Contractor shall maintain the signs throughout construction of the project and shall not remove the signs until directed by the District. The Contractor shall cover other speed limit signs within the project area. The Contractor shall ensure the covers remain until the "Construction Zone, Speed Limit 15 MPH" signs are removed.

The Contractor shall install informational warning signs and project signs on streets affected by the project and shall remain in place during the entire construction period. The Contractor shall maintain sign security and reinstall the signs if they fall or are knocked over.

The Contractor shall install the following signage along the work area:

- Two (2) 30"x30" (C23) orange-background signs stating "ROAD WORK AHEAD."
- Two (2) 42"x18" (C14) rectangular orange-background signs stating "END ROAD WORK."

The Contractor shall be responsible for furnishing, mounting, installing, and maintaining all signage during duration of the project. The District Inspector shall determine the exact sign locations in the field. The Contractor shall install signs prior to the start of construction, and ensure the signs remain posted during the entire duration of the project.

The Contractor shall inspect traffic control signs, barricades, and delineators and shall maintain them in accordance with the approved traffic control plan throughout each workday.

The Contractor shall post “No Parking” signs as required 72 hours prior to construction at 50’ maximum spacing. The Contractor shall check and maintain said signs on a daily basis. The Contractor shall ensure “No Parking” signs clearly state the enforced dates and shall update them as necessary.

Measurement and Payment

The Contractor shall include all costs associated with “Traffic Control” in the contract unit price for “Asphaltic Concrete Pavement Removal, Compacting Existing Base, and Repaving.” The District will not consider any additional compensation.

SECTION 504.4 DUST SUPPRESSION

The Contractor shall implement a dust suppression plan if requested by the District Engineer. If a mechanical broom sweeper is used, it shall be equipped with water nozzles to minimize dust. At the end of each workday, the Contractor shall clean construction debris from the roadway.

Measurement and Payment

The Contractor shall include all costs associated with “Dust Suppression” in the contract unit price for “Asphaltic Concrete Pavement Removal, Compacting Existing Base, and Repaving.” The District will not consider any additional compensation.

SECTION 504.5 PROTECTION OF PROPERTY & MATERIAL

Description

The Contractor shall contact each property and business owner having access along project corridor with a District approved letter (submitted to and approved by the District) and shall keep area residents informed of the plan of operation throughout the course of this contract.

The Contractor shall protect the road surface and shall restore said surface to an equivalent or better condition upon completion of all work. The Contractor shall make any interim repairs or maintenance that may be requested by the District Engineer or Inspector during the course of work.

The Contractor shall replace traffic striping and pavement markings destroyed or damaged during construction with temporary striping or markings acceptable to the District. The Contractor shall install temporary striping prior to reopening streets to traffic.

The Contractor shall permanently restore all traffic striping and pavement markings within seven days of final paving at the District's direction.

The Contractor shall protect in place or remove and replace all existing utilities and public or private improvements (whether they are specifically noted on the Contract Plans or not) including but not limited to all berms, curbs, gutters, walkways, sidewalks, driveways, trail-ways, storm drains, landscaping materials, landscape irrigation, landscape electrical systems, walls and fences in place. The Contractor shall correct or replace any damaged utilities or improvements as part of the contract work. No additional compensation will be considered.

The Contractor shall not disturb existing survey monuments or benchmarks. The Contractor shall contact a registered civil engineer or land surveyor to remove or replace monuments. The Contractor shall ensure monument ties be established prior to removal.

The Contractor shall replace complete concrete panels or between existing concrete joints during replacement of any concrete work. The Contractor shall replace colored concrete with colored concrete to match when concrete is removed.

Measurement and Payment

The Contractor shall include all costs associated with "Protection of Property and Material" in the contract unit price for "Asphaltic Concrete Pavement Removal, Compacting Existing Base, and Repaving." The District will not consider any additional compensation.

SECTION 504.6 SAFETY PLAN

Description

In carrying out his/her work, the Contractor shall at all times exercise all necessary precautions for the safety of employees appropriate to the nature of the work and the conditions under which the work is to be performed, and be in compliance with all applicable federal, state and local statutory and regulatory requirements including California Department of Industrial Relations (Cal/OSHA) regulations; and the U.S. Department of Transportation Omnibus Transportation Employee Testing Act. The Contractor shall prepare a Safety Plan in accordance with the provisions of

Section 202.03.02, "Safety Plan" of SCWD Standard Specifications. The Contractor shall include in the Safety Plan provisions for handling hazardous and toxic materials, and the protection of all persons having access, authorized or not, to the work site. Such plan shall be submitted to and accepted by SCWD prior to starting excavation.

Measurement and Payment

The Contractor shall include all costs associated with "Safety Plan" in the contract unit price for "Asphaltic Concrete Pavement Removal, Compacting Existing Base, and Repaving." The District will not consider any additional compensation.

SECTION 504.7 UTILITIES

Description

Existing utility locations shown on Contract Plans are based on field survey and records furnished by utility companies. Where underground main conductors or conduits such as water, gas, sewer, telephone, electric power, or cable television are shown on the Contract Plans, the Contractor shall assume that a service lateral from each conductor or conduit extends to every parcel or property whether or not a service lateral is shown.

The Contractor shall contact Underground Service Alert and nonmember companies or utilities at least two (2) working days prior to excavating any segment of the work. The Contractor shall be prepared to produce USA ticket number at the request of the District.

The Contractor shall immediately notify the District Engineer in writing, upon learning of the existence or location of any utility facility omitted from or shown incorrectly on the Contract Plans, or improperly marked or otherwise indicated. The Contractor shall provide full details as to depth, location, size, and function of the utility.

The Contractor shall not interrupt or disturb any utility facility without authority from the utility or order from the District. The Contractor shall furnish and place the necessary protection around the utility when protection is called for on the Contract Plans, visible to the Contractor, or marked as such. The Contractor shall install the utility protection at no additional expense to the District.

SECTION 505. PAVEMENT REMOVAL, COMPACTION & RE-PAVING

SECTION 505.1 GENERAL

In the event that archaeological remains are found during excavation, the Contractor shall stop excavation in that area and contact the District Inspector or the District Engineer immediately. In the event that human remains are discovered, the Contractor shall stop excavation at that location and mobilize to a different portion of the project. The District shall then notify the County Coroner at (831) 454-2520 and treat any remains according to applicable State Law, including California Health and Safety Code Section 7050.5 and Public Resources Code Section 5097. If there is doubt as to whether the remains are human or not, the District should first contact the Sheriff Dispatch office at (831) 471-1121 and request a Patrol Deputy be dispatched to the site to assess the remains. If needed, the Patrol Deputy will contact the County Coroner.

The Contractor shall perform pavement removal, compaction, and paving in compliance with the SCWD Standard Specifications Section 310, "Paving," and Santa Cruz County Standard Plan EP-1, "Longitudinal Trench Detail." All valve and blow-off boxes within re-paving area shall be brought to grade in compliance with SCWD Standard Specifications Section 310, "Paving," and SCWD Standard Plan S-6, "Buried Valve Assembly."

SECTION 505.2 ASPHALTIC CONCRETE PAVEMENT REMOVAL, COMPACTING EXISTING BASE, AND REPAVING

The approximate limits of work are shown in "Drawing B-2 – Alta Drive Trench Paving Repair Construction Plan," and are between 9 Alta Drive and 73 Alta Drive. SCWD reserves the right to adjust the limits of work within 25% of the estimated square-foot quantity for "Asphaltic Concrete Pavement Removal, Compacting Existing Base, and Repaving."

Pavement Removal

SCWD shall mark the limits of pavement removal for the Contractor. Trench width will be no less than 36" and depend on the failed section of trench.

The Contractor shall saw-cut or grind the pavement to produce a straight vertical face against which to butt the asphaltic pavement.

Compacting/Pavement Preparation

All old paving materials, loose aggregate, and other deleterious materials shall be removed from the aggregate base. The Contractor shall fill

depressions or level base rock with aggregate base per SCWD Standard Specification Section 309.4, "Aggregate Bases."

The Contractor shall make a pass with compaction equipment to compact the underlying surface. The surface of the aggregate base and all abutting surfaces shall be prepared per SCWD Standard Specifications Section 310.06, "Construction."

Repaving

The Contractor shall repave the roadway per Santa Cruz County Standard Plan EP-1, "Longitudinal Trench Detail," and SCWD Standard Specifications Section 310, "Paving."

Road Striping

The Contractor shall permanently restore all traffic striping and pavement markings destroyed or damaged during construction at the direction of the District. The Contractor should refer to Section 504, "Protection of Property and Material" of these Special Provisions.

Disposal

The Contractor shall dispose of all asphalt and incidental debris generated from the work performed in compliance with SCWD Standard Specifications Section 202.02.04, "Disposal."

Measurement and Payment

The Contractor shall include all costs associated with "Asphaltic Concrete Pavement Removal, Compacting Existing Base, and Repaving" in the contract unit price for "Asphaltic Concrete Pavement Removal, Compacting Existing Base, and Repaving." The District will not consider any additional compensation.

SECTION 505.3 RESET WATER VALVE / BLOW-OFF BOX

Reset Valve Boxes

The Contractor shall reset all valve boxes per SCWD Standard Specifications Section Section 310.06, "Construction" of SCWD Specifications and Standard Plan S-6.

Measurement and Payment

The Contractor shall include all costs associated with "Reset Water Valve / Blow-off Box" in the contract unit price for "Reset Water Valve / Blow-off Box." The District will not consider any additional compensation.

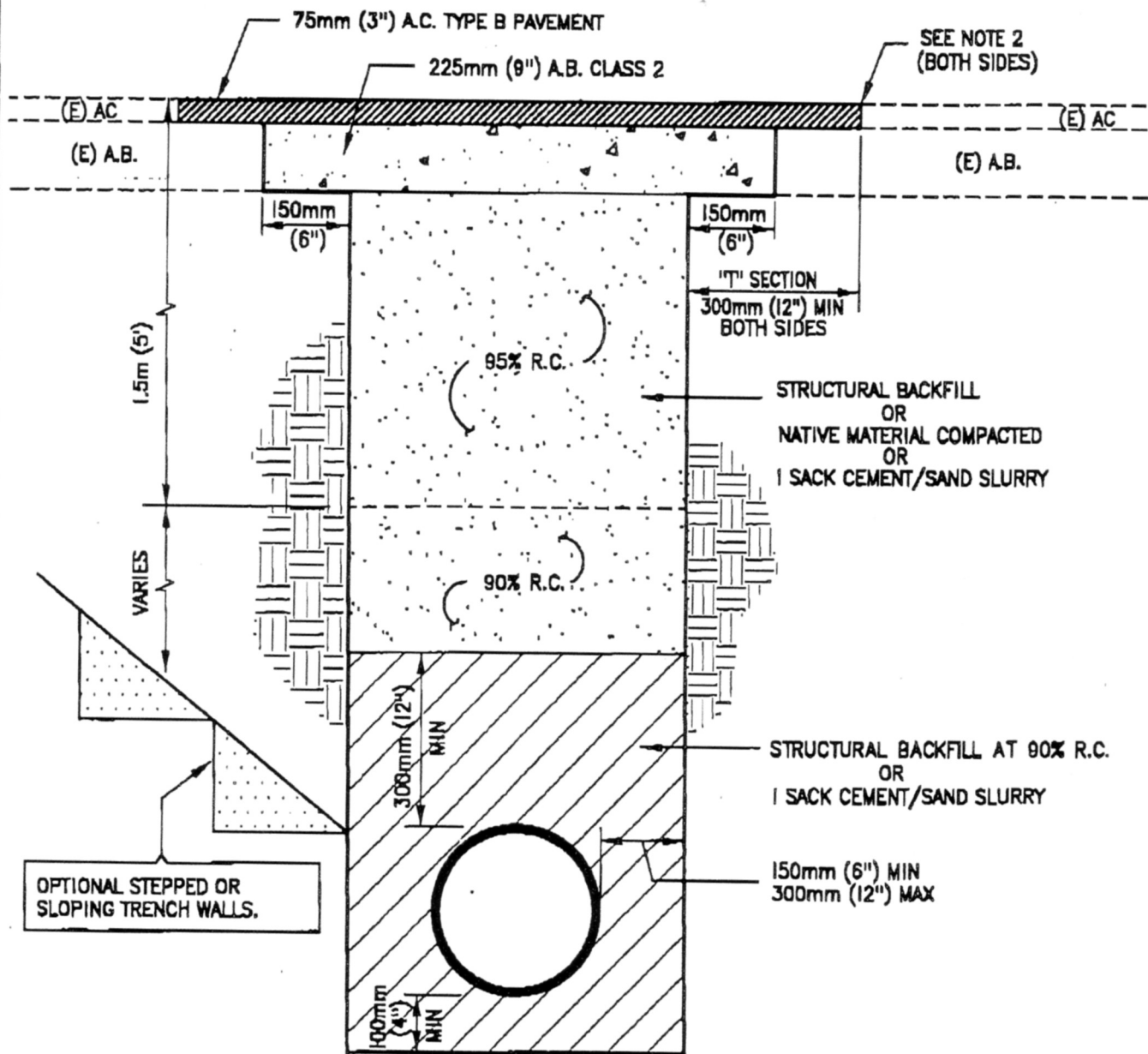
SECTION 506. APPENDIX

Drawing B-1 Alta Drive Trench Paving Repair Cover Sheet

Drawing B-2 Alta Drive Trench Paving Repair Construction Plan

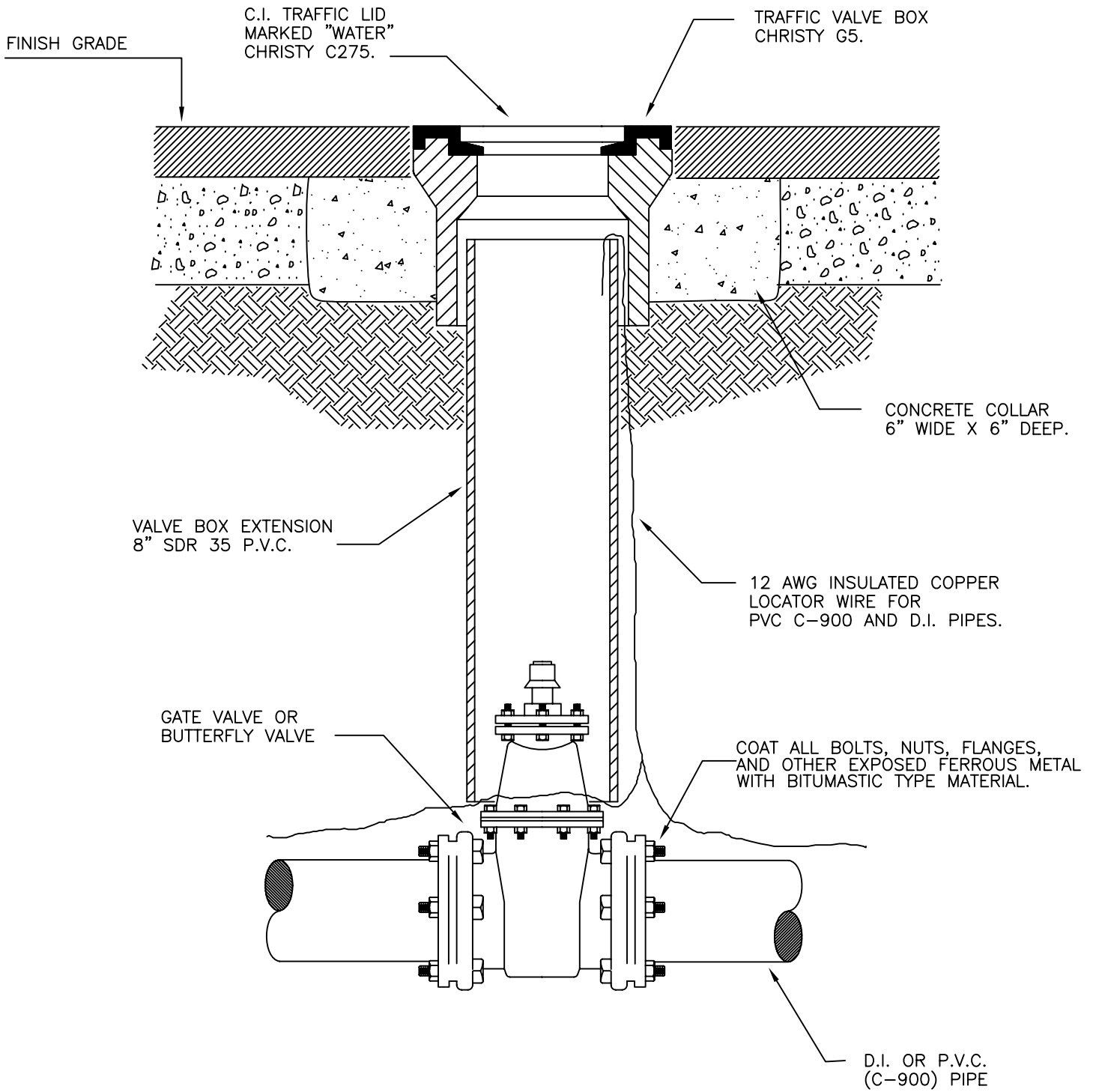
Santa Cruz County Standard Plan EP-1: Longitudinal Trench Detail

Soquel Creek Water District Standard Plan S-6: Buried Valve Assembly



1. PAVEMENT SHALL BE REPLACED IN KIND. HOWEVER, MINIMUM STANDARDS ARE AS FOLLOWS:
 - A. PAVED ROADS - 75mm (3") A.C. TYPE B OVER 225mm (9") PRIME COATED A.B. CLASS 2.
 - B. NON-PAVED ROADS - SINGLE SEAL COAT OVER 150mm (6") A.B. CLASS 2 IN TRENCH AREA, THEN SINGLE SEAL COAT ENTIRE ROAD SECTION.
2. CUT EXISTING PAVEMENT TO PRODUCE A STRAIGHT VERTICAL FACE AGAINST WHICH TO BUTT THE TRENCH PAVEMENT.
3. LONGITUDINAL TRENCHES WITHIN A PAVED AREA OR A ROAD RIGHT-OF-WAY SHALL BE BACKFILLED AS SHOWN ABOVE.
4. TRENCHES OUTSIDE A PAVED AREA OR A ROAD RIGHT-OF-WAY SHALL HAVE BACKFILL COMPACTED TO NOT LESS THAN 90% RELATIVE COMPACTION.
5. AN INSPECTOR, QUALIFIED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE ON SITE DURING ALL COMPACTION WORK TO OBSERVE UNIFORM COMPACTION METHODS AND MATERIALS.
6. IF THE EDGE OF THE ASPHALT TRENCH CAP IS WITHIN 600mm (2 FEET) OF THE EXISTING EDGE OF PAVEMENT, THE SHOULDER PAVEMENT SHALL BE REMOVED AND PAVED ALONG WITH THE TRENCH PAVING.

LONGITUDINAL TRENCH DETAIL



STD006

SOQUEL CREEK WATER DISTRICT

P.O. BOX 158

SOQUEL, CALIFORNIA 95073

CAD: TAD

DATE: OCT-05

CHECKED:

APPROVED:

BURIED VALVE ASSEMBLY

STD. NO.

S-6