COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS
P.O. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: **PS-1302108**
Date Issued: 08/06/2013
Exp. Date: 11/01/2013
Project No: PWP110005
Quad: SW

ENCROACHMENT PERMIT

To: ARCADIS - US
950 GLENN, STE 124
FOLSOM, CA 95630

Encroachment Type:

Bore (up to 6 inch Dia)	Bell Hole		

Location:
BOTH SIDES OF PATTERSON PASS RD. 500' W/O I-580

In compliance with your request of **08/06/2013** , permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

Trench excavations for service connections will not be permitted within ten feet (10') of pavement centerline unless otherwise approved by the Director. Surface of trench patches shall match in kind and be smooth and even with that of abutting surface. Special attention shall be given to depth of utilities through roadside area in anticipation of future drainage facilities, road profile and/or frontage development. All underground utility facilities are to be established and accurately dimensioned on sketches from surveyed centerline of road right of way, or from right of way (border) lines.

Permittee shall call the Department of Public Works, Field Engineering Division (Permit Inspections) at (209)953-7421 at least forty-eight hours prior to beginning any work within the County right of way. All work performed under this permit shall conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety and Cal-OSHA.

The jobsite shall be kept in a safe condition at all times by the daily removal of any excess dirt or debris which might be a hazard to either pedestrian or automobile traffic. All necessary traffic convenience and warning devices and personnel shall be provided, placed and maintained by and at the sole expense of the Permittee in accordance with the latest edition of the CALTRANS Manual of Traffic Control.

After completion of the work permitted herein, all debris, lumber, barricades, or any excess material shall be removed and the jobsite left in a neat workmanlike manner. Immediately following completion of construction permitted herein, Permittee shall fill out and mail notice of completion (see attached post card) provided by Grantor.

Special Comments:

Traffic Control Per MUTCD****Pipes shall be adequately marked/labelled, in order foe SJ County road crews to locate pipes when clearing weeds and vegetation along roadside****No groundwater monitoring wells being installed within the County right-of-way with this encroachments scope of work****

FORMS:	SS/WW, R-29		

Est. Permit Fee: $752.00

THOMAS M. GAU, Director
Department of Public Works

By: _____
Permit Section

WHITE	-Permitee
GOLDENROD	-PWD Central File
YELLOW	-Field Inspection
PINK	-Permit Section

ENCROACHMENT PERMIT GENERAL PROVISIONS

13-1

1. This permit is issued under and subject to a11 1aws and ordinances of agencies governing the encroachment herein permitted. See the following references:
   STREETS AND HIGHWAYS CODE
   1. Division 1, Chapter 3
   2. Division 2, Chapter 2, Section 942
   3. Division 2, Chapter 4, Section 1126
   4. Division 2, Chapter 5.5 and Chapter 6

   SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441, 648, 662, 672, 695, 700, 860, 892, 3359, and 3675.

2. It is understood and agreed by the Permittee that the performance of any work under this permit shall constitute an acceptance of all the provisions contained herein and failure on the Permittee's part to comply with any provision will be cause for revocation of this permit. Except as otherwise provided for public agencies and franchise holders, this permit is revocable on five days notice.

3. All work shall be done subject to the supervision of and the satisfaction of the grantor. The Permittee shall at all times during the progress of the work keep the County Highway in as neat and clean condition as is possible and upon completion of the work authorized herein, shall leave the County Highway in a thoroughly neat, clean and usable condition.

4. The Permittee also agrees by the acceptance of this permit to properly maintain any encroachment structure placed by the Permittee on any part of the County Highway and to immediately repair any damage to any portion of the highway, which occurs as a result of the maintenance of the said encroachment structure, until such time as the Permittee may be relieved of the responsibility for such maintenance by the County of San Joaquin.

5. The Permittee also agrees by the acceptance of this permit to make, at its own expense, such repairs as may be deemed necessary by the County Department of Public Works.

6. It is further agreed by the Permittee that whenever construction, reconstruction or maintenance work upon the highway is necessary, the installation provided for herein shall, upon request of the County Department of Public Works, be immediately moved or removed by and at the sole expense of the Permittee.

7. No material used for fill or backfill in the construction of the encroachment shall be borrowed or taken from within the County right of way.

8. All work shall be planned and carried out with as little inconvenience as possible to the traveling public. No material shall be stacked within eight feet (8') of the edge of the pavement or traveled way unless otherwise provided herein. Adequate provision shall be made for the protection of the traveling public. Traffic control standards shall be utilized including barricades; approved signs and lights; and flagmen, as required by the particular work in progress.

9. The Permittee, by the acceptance of this permit, shall assume full responsibility for all liability for personal injury or damage to property which may arise out of the work herein permitted or which may arise out of the failure of the part of the Permittee to properly perform the work provided under this permit. In the event any claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, the Permittee shall defend, indemnify, and hold each of them harmless for such claim.

10. All backfill material is to be moistened as necessary and thoroughly compacted with mechanical means. If required by the County Director of Public Works, such backfill shall consist of gravel or crushed rock. The Permittee shall maintain the surface over structures placed hereunder as may be necessary to insure the return of the roadway to a completely stable condition and until relieved of such responsibility by the County Department of Public Works. Wherever a gravel, crushed rock or asphalt surface is removed or damaged in the course of work related to the permitted encroachment, such material shall either be separately stored and replaced in the roadway as nearly as possible in its original state or shall be replaced in kind, and the roadway shall be left in at least as good a condition as it was before the commencement of operations of placing the encroachment structure.

11. Whenever it becomes necessary to secure permission from abutting property owners for the proposed work, such authority must be secured by the Permittee prior to starting work.

12. The current and future safety and convenience of the traveling public shall be given every consideration in the location and methods of construction utilized.

13. The Permittee is responsible for the preservation of survey monuments within the work herein permitted. If any are disturbed, the Permittee is required to tie out each location and re-establish them after completion of work, using a licensed land surveyor. A corner record must be filed in accordance with state law for any re-set monuments.

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 6 JUNE 2013

To: San Joaquin County
Department of Public Works

ARCADIS - US
(Applicant Name)

950 GLENN STE. 125
(Mailing Address)

FOLSOM, CA 95630
(City, State, Zip Code)

916.985.2079
(Area Code - Telephone Number)

OFFICE USE ONLY

JOB #	110005	REF #	
APN		CR #	
EXP. DATE	11/1/13		
VALID	9/1/13 TO 11/1/13		DRIVEWAYS:
STREET	PATTERSON PASS Road		*
AREA	Tracy QUAD SW		*
TYPE	BORING		*
FORMS	SS/WW, R-29		
NOTES			

Sketch (Detailed plans may be submitted)

SEE ATTACHED.

This scope of work does not include any installation of groundwater monitoring wells.

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the BOTH side of PATTERSON PASS ROAD approximately 500 feet/mile WEST of I 580, _____, by performing the following work (description of work): INSTALLATION OF HORIZONTAL-DRILLED PIPING BENEATH PATTERSON PASS ROAD AT APPROXIMATELY 25775 PATTERSON PASS ROAD. PIPING WILL BE DAYLIGHTED IN THE RIGHT OF WAY ON THE SOUTH SIDE OF PATTERSON & RUN TEMPORARY ABOVE-GROUND PIPING DOWN THE SLOPE AND INTO THE ADJACENT FIELD.

Work will commence on or about 9/1/13 for approximately 60 days.

I, the undersigned, certify that I am the owner of the respective property, or am qualified to represent the owner and agree to do the work described above in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.

Signature of Applicant - Title

6 JUNE 2013
Date

E:\PUB-SV.WK\MASTER.PS\ENCROACHMENT PERMIT APPLICATION.DOC (01/05)

ARCADIS

Infrastructure · Water · Environment · Buildings

ARCADIS U.S., Inc.
950 Glenn Drive
Suite 125
Folsom
California 95630
Tel 916-985-2079
Fax 916-985-2093
www.arcadis-us.com

ENVIRONMENT

Attn: Scott Cooper
Department of Public Works
San Joaquin County
1810 East Hazelton Avenue
Stockton, CA 95201

Subject:
Encroachment Permit Application
Former ARCO Station No. 6100
25775 South Patterson Pass Road
Tracy, California

Date:
June 4, 2013

Contact:
Amber V. Nickens

Phone:
(916) 985-2079 x 20

Email:
Amber.Nickens@arcadis-us.com

Our ref:
GP09BPNA.C180

Please find the attached Application for Encroachment Permit for the installation of horizontal drilled piping beneath Patterson Pass Road for the site referenced above. Additionally, the horizontal drilled piping will be daylighted on the south-side of Patterson Pass Road and temporary above-ground piping will be run down the slope and into the adjacent field (private property). The piping will be used to convey compressed air and/or soil vapors. The work is being performed as part of a *Remedial Action Plan* that was submitted to San Joaquin County Environmental Health Department on July 10, 2012, and approved in a letter dated September 23, 2012. It is necessary for the horizontal piping to be installed beneath Patterson Pass Road in order to address residual offsite impacts. The piping will be constructed from 1-inch or 2-inch schedule 80 PVC. Attached is a site plan showing the proposed locations and traffic control plan of the proposed work zone. In addition, a current Certificate of Liability Insurance is attached. The required bond amount as well as encroachment permitting fees will be submitted upon notification from San Joaquin County of the required amounts. Please contact Julie Munn at (916) 985-2079 extension 18 or at julie.d.munn@arcadis-us.com with any questions or concerns.

Sincerely,

ARCADIS U.S., Inc.

Amber V. Nickens
Staff Scientist

Imagine the result

CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY) 06/03/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Aon Risk Services South, Inc.
Franklin TN Office
501 Corporate Centre Drive
Suite 300
Franklin TN 37067 USA

CONTACT NAME:
PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): 800-363-0105
E-MAIL ADDRESS:

INSURED
ARCADIS U.S., Inc.
630 Plaza Drive, Suite 100
Highlands Ranch CO 80129 USA

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A:	Greenwich Insurance Company	22322
INSURER B:	XL Specialty Insurance Co	37885
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** 570050145405 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY			GEC001076111	01/01/2013	01/01/2014	EACH OCCURRENCE	$1,000,000
	X COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	$1,000,000
	CLAIMS-MADE X OCCUR						MED EXP (Any one person)	$10,000
	X Contractual Liability						PERSONAL & ADV INJURY	$1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$2,000,000
	POLICY X PRO-JECT X LOC						PRODUCTS - COMP/OP AGG	$2,000,000
B	AUTOMOBILE LIABILITY			AEC001075811	01/01/2013	01/01/2014	COMBINED SINGLE LIMIT (Ea accident)	$1,000,000
B	X ANY AUTO			AOS			BODILY INJURY (Per person)	
	ALL OWNED AUTOS / SCHEDULED AUTOS			AEC001719509	01/01/2013	01/01/2014	BODILY INJURY (Per accident)	
	X HIRED AUTOS / X NON-OWNED AUTOS			MA			PROPERTY DAMAGE (Per accident)	
	X Property Damage to							
	UMBRELLA LIAB / OCCUR						EACH OCCURRENCE	
	EXCESS LIAB / CLAIMS-MADE						AGGREGATE	
	DED / RETENTION							
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			RWD943516307	01/01/2013	01/01/2014	X WC STATUTORY LIMITS / OTHER	
B	ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N: N	N/A		All Other States			E.L. EACH ACCIDENT	$1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below			RWR943516707	01/01/2013	01/01/2014	E.L. DISEASE-EA EMPLOYEE	$1,000,000
				WI			E.L. DISEASE-POLICY LIMIT	$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
RE: Project No. GP09BPNA.C178, Remedial System Piping Installation.

CERTIFICATE HOLDER

San Joaquin County
Attn: Department of Public Works
1810 East Hazelton Avenue
Stockton CA 95201 USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Aon Risk Services South, Inc.

Holder Identifier :

Certificate No : 570050145405

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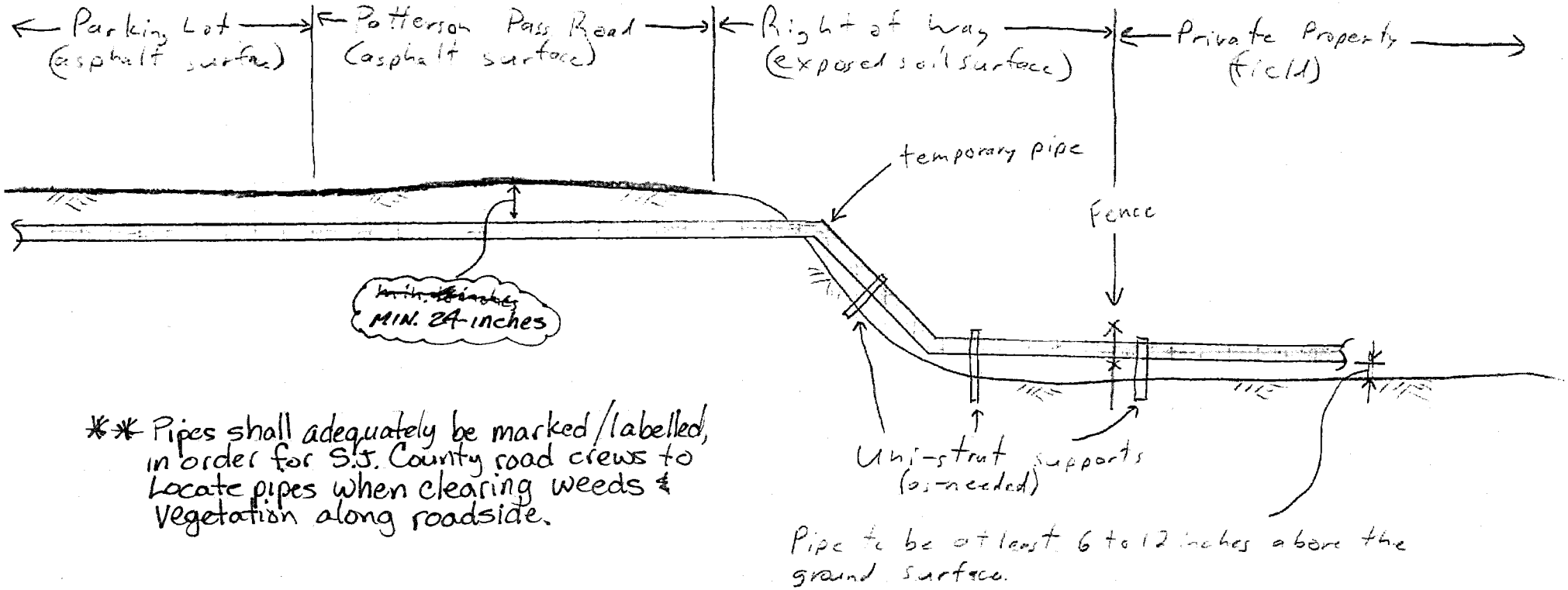


** Pipes shall adequately be marked/labelled, in order for S.J. County road crews to Locate pipes when clearing weeds & vegetation along roadside.

Proposed Pipe Cross Section A - A'

2-27-13

Not to Scale

25775 Patterson Pass Road

Nick Trimble - ARCADIS

916-786-5213

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

ENCROACHMENT PERMIT

TR-0120 (REV. 2/98)

Permit No.	1013-6TK-0409
Dist/Co/Rte/PM	10-SJ-580-13.698
Date	AUGUST 1, 2013
Fee Paid	$
Deposit	$ 492
Performance Bond Amount (1)	$
Payment Bond Amount (2)	$
Bond Company	
Bond Number (1)	
Bond Number (2)	

In compliance with (Check one):

- [x] Your application of JULY 24, 2013
- [ ] Utility Notice No. _____ of _____
- [ ] Agreement No. _____ of _____
- [ ] R/W Contract No. _____ of _____

TO:

ARCADIS-US
950 GLENN DRIVE
FOLSOME, CA 95670

ATTN: JULIE D. MUNN
TEL : (916) 985-2079, EXT. 18

, PERMITTEE

and subject to the following, PERMISSION IS HEREBY GRANTED to:

Conduct Traffic Control, place, maintain, and remove temporary construction warning signs and devices on the sounthbound off-ramp and underneath the overpass shoulders along Interstate 580 right of way, as shown on the attachment, to work on Patterson Pass Road in the City of Tracy in San Joaquin County. Placing signs shall be done in conformance to the California Manual on Uniform Traffic Control Devices (MUTCD). All signs and equipment shall be removed immediately after the cleanups are over. The highway shall be returned to its original condition or better. **THIS PERMIT DOES NOT ALLOW LANE CLOSURES ON INTERSTATE 580 MAINLINE.** A copy of this Permit must be placed in all vehicles involved in doing this work.

The following attachments are also included as part of this permit (Check applicable):

[x] Yes	[ ] No	General Provisions
[ ] Yes	[x] No	Utility Maintenance Provisions
[x] Yes	[ ] No	Special Provisions T
[ ] Yes	[x] No	A Cal-OSHA permit required prior to beginning work; #

In addition to fee, the permittee will be billed actual costs for:

[x] Yes	[ ] No	Review
[x] Yes	[ ] No	Inspection
[x] Yes	[ ] No	Field Work

(If any Caltrans effort expended)

[ ] Yes [x] No The information in the environmental documentation has been reviewed and is considered prior to approval of this permit.

This permit expires on or before FEBRUARY 28, 2014.

This permit is to be strictly construed and no other work other than specifically mentioned is hereby authorized.
No project work shall be commenced until all other necessary permits and environmental clearances have been obtained.

ORIGINAL - PERMITTEE
1 - File
2 – Joseph A Valdez
1-Maintenance
1-PIO

Betty Tamae

APPROVED:

CARRIE BOWEN, District Director

BY: 8/1/2013

NELSON MAGSAYO, District Permit Engineer

FM 91 1436

In accordance with General Provision No. 6, **SEVEN WORKING DAYS PRIOR** to the start of this work, Permittee shall notify the State Representative **JOSEPH A. VALDEZ**, P.O. Box 2048 Stockton, CA 95201, (209) 948-3656. **All work requiring traffic control must apply for a closure number seven days prior to start of work. No closures on HOLIDAYS or WEEKENDS.** All work under this permit must meet with the approval of the State Representative.

Failure on the Permittee's part to comply with any provision will be cause for revocation of this permit.

IMMEDIATELY FOLLOWING COMPLETION OF WORK PERMITTED HEREIN, PERMITTEE SHALL FILL OUT AND MAIL NOTICE OF COMPLETION PROVIDED BY GRANTOR.

Permittee's attention is directed to Section 6, "CONTROL OF MATERIALS", of the State Standard Specifications Reference to Engineer in the State Standard Specifications shall include State Representative.

Permittee is directed to Standard Specification section 7-1.11 Preservation of Property, and Business and Professions Code, Section 8771. Permittee shall physically inspect the work site and locate survey monuments prior to work commencement. Monuments shall be referenced or reset in accordance with Business and Professions Code.

Permittee/contractor shall work with the State representative to request the necessary lane closure needed. Request shall be the week prior to the actual work. The State representative shall submit closure through the Lane Closure System (LCS) for Traffic Management Center (TMC) approval by Wednesday afternoon of the week prior.

All Lane closures shall be called in by either the contractor to the TMC when the closure begins (10-97), ends (10-98), or is cancelled (10-22). The TMC can be reached (24-7) at (209) 948-7556 or 7551.

Use proper traffic control devices throughout the duration of the project as per Caltrans Standard Specifications.

A pre-job conference with the Permittee, Contractor, and State Representative may be required prior to start of work. Permittee shall contact the State Representative and arrange the meeting. This meeting may be waived at the discretion of the State Representative.

Permittee shall, prior to commencement of any work, provide the State Representative with the name and phone number of the person in responsible charge of the work to be performed under this permit.

This permit is not valid until Permittee has obtained permission from adjacent property owners, Irrigation Districts, Cities, Counties or other interested parties to perform the proposed work.

Except when necessary, as determined by the State Representative, no installation, construction equipment or personal vehicles shall operate or park within the traveled way.

In addition to the attached General Provisions (TR-0045), the following special provisions are applicable:

1. Permittee shall make written notice to, and coordinate with, California Highway Patrol seven (7) days before encroachment activities are scheduled. Letter copies shall be provided to the State's representative to evidence contact.

2. If rain, fog, or other elements should significantly affect safety for even participants or vehicular traffic, Caltrans may take whatever action is necessary to protect the public. Also, if some unforeseen reason the traffic demands for the State facility significantly exceeds the anticipated demand, it maybe necessary to terminate the event.

3. In accordance with Subdivision (a) of Streets and Highway Code Section 682.5, the Department of Transportation shall not be responsible for the conduct of operation of the permitted activity, and the applicant agree to indemnify and hold harmless the State and the city or county against any and all claims arising out for which the permit is issued.

4. Displays such as barricades, temporary facilities, detour signs, and all other equipment used in the Traffic Control shall be removed at the end of the cleanups which shall be the responsibility of the Permittee.

5. Any damage to State property caused by any authorized activity by this permit shall be immediately repaired and brought to its original condition or better at no cost to State to the satisfaction of the State Representative.

Permittee shall place public notification signs at locations designated on the approved signing plan a minimum of seven (7) calendar days before the activity begins. Signs shall be constructed and installed to Caltrans specifications and standards.

All work shall be conducted in such a manner that the dirt, materials and equipment will not cause any inconvenience to the highway traffic or to traffic entering the highway from any public or private approach.

No dirt or materials are to be dragged or scraped across the highway pavement. No dirt shall be placed or allowed to remain at a location where it can be tracked onto the highway traveled way or any public or private approach by the Permittee's equipment or by traffic entering or leaving the highway traveled way. Any dirt or mud so tracked onto the highway pavement or public or private approach shall be immediately removed by the Permittee.

Permittee shall comply with all local and State requirements and obtain prior approval from all affected agencies.

Permittee shall furnish, place, and maintain required signs, safety equipment, and traffic control and warning devices in accordance with the Manual of Traffic Controls published by the Department of Transportation.

Signs shall be place in such a manner as to NOT to constitute a hazard to the traveling public.

Signs are to be removed immediately after the cleanups.

Persons working within the State right of way, except uniformed law enforcement officers, shall wear hardhats and orange vest, shirt or jacket as appropriate.

Signs shall be placed and removed by trained traffic handling personnel.

Painted markings are not permitted on the highways.

Permittee shall survey the route prior to start of event and notify pedestrians and traffic of unexpected problem areas or hazardous conditions.

Permittee shall provide for the safe passage of pedestrians.

All signs shall be installed in conformance with Caltrans Standard Plans. Upon nonperformance or unsatisfactory performance by the Permittee, the Department of Transportation shall perform this work and all costs for said work shall be borne by the Permittee.

The State of California, Department of Transportation makes no assurance or expressed warranty that the plans are complete or that the planned construction fits field conditions. Should additional work or modifications of the work be required in order to meet established Department Standards or in order to fit field conditions, the work shall be performed by Permittee as directed by the State's Inspector.

The Permittee shall indemnify and save harmless the State of California and all officers and employees thereof connected with the work or activity authorized by this permit, including but not limited to the Director and the Engineer, from all claims, suits or actions of every name, kind, and description, brought forth, or on account of, injuries to or death of any person including but not limited to workmen or participants and the public, or damage to property resulting from the performance of the activity authorized by the permit, except as otherwise provided by statute. The duty of the Permittee to indemnify and save harmless includes the duties to defend as set forth in Section 2778 of the Civil Code.

It is the intent of the parties that the Permittee will indemnify and hold harmless the State, its officers and employees from any and all claims, suits of actions as set forth above regardless of the existence or degree of fault or negligence on the part of the State, the Permittee, the employee or volunteer of any of these, other than in the active negligence of the State, its officers, and employees.

Permittee shall fully conform to the requirements of the Caltrans statewide **NPDES Storm Water Permit, Order No. 2012-0011-DWQ, NPDES No. CAS000003, reissued by the State Water Resources Control Board on September 19, 2012 and will become effective July 1, 2013.** The Permittee shall also conform to the requirements of the General NPDES Permit for construction Activities and any subsequent General Permit in effect at the time of issuance of this Encroachment Permit. These permits regulate storm water discharges associated with year-round construction or special event encroachment activities.

For all projects of 1 acre or more the Permittee shall develop, implement, and maintain a **Storm Water Pollution Plan (SWPPP)** and for projects less than 1 acre a **Water Pollution Control Program (WPCP).** Either the Plan or Program shall also conform to the requirements of the Caltrans Storm Water Quality Handbook, Construction Contractor's Guide and Specifications and Caltrans Specification Section 7-1-.01G and subsequent revisions.

No lane closures, shoulder closures or other traffic restrictions shall be allowed on the following day(s): Lincoln's Birthday, Caesar Chavez Day, Friday before Mother's Day, Friday before Easter Sunday, second Monday in October, day after Thanksgiving, and on designated legal holidays. Designated legal holidays are January 1st, the third Monday in January, third Monday in February, the last Monday in May, July 4th, the first Monday in September, November 11, Thanksgiving Day, December 25th, and on Fridays and the day following a holiday starting at 3:00 PM. When a designated legal holiday falls on Sunday the following Monday shall be designated holiday. When a designated holiday falls on a Saturday the preceding Friday shall be designated legal holiday.

1. GENERAL: The purpose of these Special Provisions is to provide the Permittee with specifications for water pollution control to minimize, prevent, or control the discharge of material into the air, surface waters, groundwater, and storm sewers owned by the State or local agencies. These provisions are not intended to take the place of the Caltrans Water Pollution Control Program (WPCP) for projects where soil disturbance from work activities less than one acre, or work activities of one acre or more subject to the preparation of the Caltrans Storm Water Pollution Prevention Plan (SWPPP) that would require a waste discharge identification number or coverage under the California Construction General Permit *(Order No. 2009-0009-DWQ, NPDES No CAS000002)*. The Permittee shall comply with the following Special Provisions and the direction of the State Representative.

2. NPDES REQUIREMENTS: The Permittee shall be responsible for full compliance with the Caltrans Storm Water Program and the Caltrans National Pollutant Discharge Elimination System (NPDES) Permit requirements. It is the Permitte's responsibility to install, inspect, and repair or maintain facilities and devices used for water pollution control practices before performing daily work activities. Installation and maintenance responsibilities on the job site include: 1) soil stabilization materials in work areas that are inactive or prior to storm events, 2) water pollution control devices to control sediment and erosion, 3) implementation of spill and leak prevention procedures for chemical and hazardous substances stored on the job site. 4) material storage, 5) stockpile management, 6) waste management, 7) non-stormwater management. 8) water conservation, and 9) illicit connection, illegal discharge detection and reporting. The Permittee shall report to the state representative when discharges enter into receiving waters, adjacent property, drainage systems or when discharges could be a cause or a threat for water pollution. The Permittee shall also control illicit discharges or illegal dumping prior to start of daily work schedule. Copies of written notices or orders from the Regional Water Quality Control Board or other regulatory agency shall be provided to the State representative within 48 hours of reported activity. For additional information on storm water compliance, visit the State Water Resources Control Boards storm water Website at http://www.waterboards.ca.gov/water_issues/programs/stormwater

3. RESPONSIBILITY FOR DEBRIS REMOVAL: The Permittee shall be responsible for preventing sediment, trash, debris, and other construction waste from entering the street, the storm drains, local creeks, or any other bodies of water.

4. SPOILS AND RESIDUE: The Permittee shall vacuum any saw-cut concrete waste material, debris, residue, etc. No spoils, debris, residue, etc. shall be washed into a drainage system.

5. SWEEPING: Sweep paved roads at construction entrance and exit locations and surrounding paved areas daily within the job site during: 1) clearing and grubbing, 2) earthwork, 3) trenching, 4) soil disturbance, 5) pavement grinding and/or cutting, and 6) after observing tracking of material onto or off the State property. Keep dust to a minimum during sweeping activities. Use vacuum whenever dust generation is excessive or sediment pickup is ineffective. Roadways or work areas shall not be washed down with water. Street sweeping operations must conform to Section 13 Water Pollution Control of the State of California standard specifications for construction (most current version) http://www.dot.ca.gov/hq/esc/oe/specifications/SSPs/2010-SSP...

6. VEHICLES AND EQUIPMENT: Permittee shall prevent all vehicles, equipment, etc. from leakage or mud tracking onto roadways. If leaks cannot be repaired immediately, remove the vehicle or equipment from the job site.

7. MAINTENANCE AND FUELING OF VEHICLES AND EQUIPMENT: Maintenance and fueling of equipment shall not result in any pollution at the job site. The Permittee shall immediately clean up spills/leaks, and properly dispose of contaminated soil and materials.

8. CLEANING VEHICLES AND EQUIPMENT: Limit vehicle and equipment cleaning or washing at the job site except what is necessary to control vehicle tracking or hazardous waste. The Permittee shall clean all equipment within a bermed area or over a drip pan large enough to prevent run-off. No soaps, solvents, degreasers, etc shall be used in State right of way. Any water from this operation shall be collected and disposed of at an appropriate site. Containment berms or dikes shall be used for fueling, washing, maintaining and washing vehicles or equipment in outside areas. Containment must be performed at least 100 feet from concentrated flows of storm water, drainage courses, and storm drain inlets if within a flood plain, otherwise at least 50 feet if outside the floodplain. Keep adequate quantities of absorbent spill-cleanup material and spill kits in the fueling or maintenance area and on fueling trucks.

9. DIESEL FUELS: The use of diesel fuel from petroleum or other fossil fuel as a form-oil or solvent is not allowed.

10. WEATHER CONDITIONS AT WORKSITE: Any activity that would generate fine particles or dust that could be transported off site by stormwater shall be performed during dry weather.

11. HOT MIX ASPHALT: Runoff from washing hot mix asphalt shall not enter into any drainage conveyances.

12. PROTECTION OF DRAINAGE FACILITIES: The Permittee shall protect/cover gutters, ditches, drainage courses, and inlets with gravel bags, fiber rolls, State approved fabric filters, etc., to the satisfaction of the State representative during grading, paving, saw-cutting, etc. and materials must conform to Section 13-6.02 Materials for Water Pollution Control of the State of California standard specifications for construction (most current version). No such protection measures shall cause an obstruction to the traveling public. The Permittee shall implement spill and leak prevention procedures for chemicals and hazardous substances stored on the job site in accordance to section 13-4.03B(1-3) Spill Prevention and Control, Water Pollution Control, of the State of California standard specifications for construction (2010 version).

13. PAINT: Rinsing of painting equipment and materials is not permitted in state right-of-way. When thoroughly dry, dispose of the following as solid waste: dry latex paint, paint cans, used brushes, rags, gloves, absorbent materials, and drop cloths. Oil based paint sludge and unusable thinner shall be disposed of at an approved hazardous waste site.

14. CONSTRUCTION MATERIALS: Stockpile of all construction materials, including, but not limited to: pressure treated wood, asphalt concrete, cold mix asphalt concrete, concrete, grout, cement containing premixes, and mortar, shall conform to section 13-4.03C Material Management (Storage & Stockpiles), Water Pollution Control, of the State of California standard specifications for construction (2010 version).

15. CONCRETE EQUIPMENT: Concrete equipment shall be washed in a designated washing area in a way that does not contaminate soil, receiving waters, or storm drain systems.

16. EXISTING VEGETATION: Established existing vegetation is the best form of erosion control. Minimize disturbance to existing vegetation. Damaged or removed vegetation shall be replaced as directed by the State Representative.

17. SOIL DISTURBANCE: Soil disturbing activities shall be avoided during the wet weather season. If construction activities during wet weather are allowed in your permit, all necessary erosion control and soil stabilization measures shall be implemented in advance of soil disturbing activity.

18. SLOPE STABILIZATION AND SEDIMENT CONTROL: Consider a certified expert in Erosion and Sediment control in cases where slopes are disturbed during construction. The Permittee is directed to comply with Section 13.5 Temporary Soil Stabilization and Section 21 Erosion Control of the State of California (2010 version) standard specifications for construction during application of temporary soil stabilization measures to the soil surface. Fiber rolls or silt fences may be required down slope until permanent soil stabilization is established. Remove the accumulated sediment whenever the sediment accumulates to 1/3 of the linear sediment barrier height.

19. STOCKPILES: Stockpiles containing aggregate and/or soil shall be stored at least 100 feet from concentrated flows of storm water, drainage courses, and storm drain inlets if within a flood plain, otherwise at least 50 feet if outside the floodplain, and shall be covered and protected with a temporary perimeter sediment barrier. Cold mix stockpiles shall be stored on an impermeable surface and covered with 9mil plastic to prevent contact with water.

20. DISCOVERY OF CONTAMINATION: The State Representative shall be notified in case any unusual discoloration, odor, or texture of ground water, is found in excavated material or if abandoned, underground tanks, pipes, or buried debris are encountered.

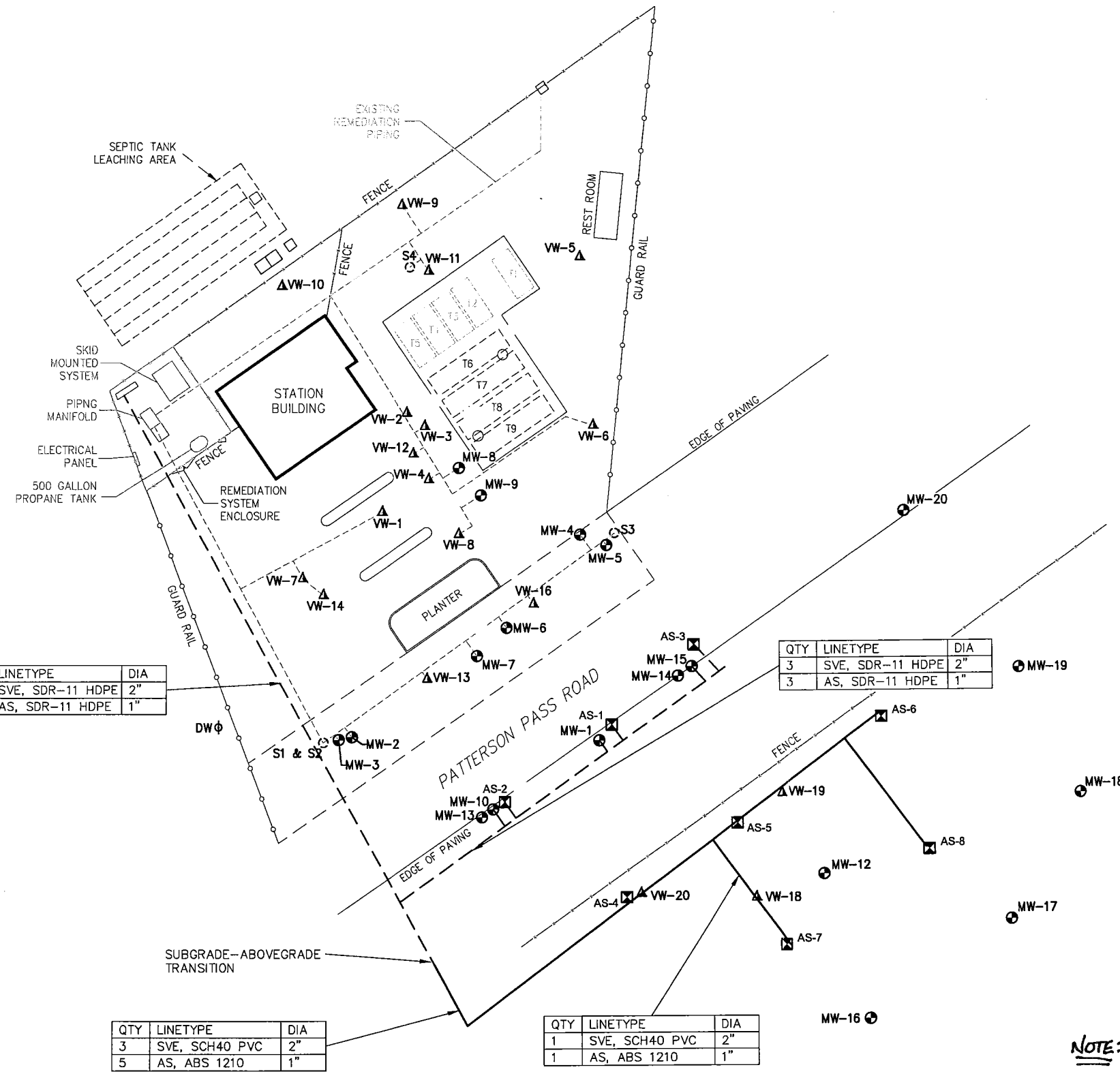
21. SANITARY AND SEPTIC WASTE: Do not bury or discharge wastewater from a sanitary or septic system within the highway. Properly connected sewer facilities are free from leaks. With State Representative approval place portable sanitary facility at least 50 feet away from storm drains, receiving waters, and flow lines. Permittee must comply with local health agency provisions when using an on-site disposal system.

22. LIQUID WASTE: Prevent job site liquid waste from entering storm drain systems and receiving waters. Drilling slurries, grease or oil-free waste water or rinse water, dredging, wash water or rinse water running off a surface or other nonstorm water liquids not covered under separate waste water permits shall be held in structurally sound, leak-proof containers, such as portable bins or portable tanks. Store containers at least 50 feet away from moving vehicles and equipment. Liquid waste may require testing to determine hazardous material content prior to disposal

23. WATER CONTROL AND CONSERVATION: Manage water use in a way that will prevent erosion and the discharge of pollutants into storm drain systems and receiving waters. Direct runoff water, including water from water line repair from the job site to areas where it can infiltrate into the ground. Direct water from off-site sources around the job site or from contact with jobsite water.

24. PILE DRIVING: Keep spill kits and cleanup materials at pile driving locations. Park pile driving equipment over drip pans, absorbent pads, or plastic sheeting with absorbent material, and away from storm water run-on when not in use.

25. DEWATERING: Dewatering consists of discharging accumulated storm water, groundwater, or surface water from excavations or temporary containment facilities. All dewatering operations shall comply with the latest Caltrans guidelines. Contact State representative for approval of dewatering discharge by infiltration or evaporation, otherwise, any effluent discharged into a permitted storm water system requires approval from the Regional Water Quality Control Board. Prior to the start of dewatering, the Permittee shall provide the State Representative with a dewatering and discharge work plan that complies with section 13-4.01B Submittals, Water Pollution Control, of the State of California standard specifications for construction (2010 version). A copy of the Waste Discharge Permit and a copy of a valid WDID number issued by the Regional Board shall be provided to the State representative.



QTY	LINETYPE	DIA
6	SVE, SDR-11 HDPE	2"
8	AS, SDR-11 HDPE	1"

QTY	LINETYPE	DIA
3	SVE, SDR-11 HDPE	2"
3	AS, SDR-11 HDPE	1"

QTY	LINETYPE	DIA
3	SVE, SCH40 PVC	2"
5	AS, ABS 1210	1"

QTY	LINETYPE	DIA
1	SVE, SCH40 PVC	2"
1	AS, ABS 1210	1"

LEGEND:

- MW-2 GROUNDWATER MONITORING WELL
- VW-1 VAPOR EXTRACTION WELL
- DW DOMESTIC WELL
- AS-1 AIR SPARGE WELL
- FUTURE USE STUBOUT
- EXISTING UNDERGROUND REMEDIATION SYSTEM PIPING
- PROPOSED UNDERGROUND REMEDIATION SYSTEM PIPING
- PROPOSED ABOVEGROUND REMEDIATION SYSTEM PIPING

WELL SCHEDULE	
SVE	AS
VW-18	AS-1
VW-19	AS-2
VW-20	AS-3
MW-1	AS-4
MW-10	AS-5
MW-15	AS-6
MW-3 (EXISTING)	AS-7
MW-5 (EXISTING)	AS-8
MW-7 (EXISTING)	

NOTES:

1. BASE MAP ADAPTED FROM A FIGURE BY STANTEC, INC., TITLED "SITE PLAN", DATED JULY 30, 2009, AT A SCALE OF 1"=40'.
2. ALL LOCATIONS ARE APPROXIMATE.

NOTE: No Groundwater monitoring wells being installed with this encroachment permit.

CITY: (EMERYVILLE, CA), SYRACUSE, NY DIV/GROUP: ENV/IM-DV DB: (A. REYES), P. LISTER PM: D. EVANS TM: J. MUNN TR: B. STANPHILL LYR: ON=*;OFF=*REF*
G:\ENVCAD\SYRACUSE\ACT\GP09BPNA\C178\K0000\DWG\GP09BNAC178B03.dwg LAYOUT: C-1 SAVED: 5/17/2013 9:11 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 5/17/2013 9:11 AM BY: LISTER, PAUL
XREFS: IMAGES: PROJECTNAME: ---
GP09BPNAX00

0 25' 50'
GRAPHIC SCALE

THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING: USE TO VERIFY FIGURE REPRODUCTION SCALE

No.	Date	Revisions	By	Ckd

THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY NOT BE REUSED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF SAME.

Professional Engineer's Name: MICHAEL P. FLEISCHNER
Professional Engineer's No.: C65705 Exp 9/30/2013
State: CA | Date Signed: - | Project Mgr.: DE
Designed by: BRS | Drawn by: JH | Checked by: PZ

ARCADIS
ARCADIS U.S., INC.

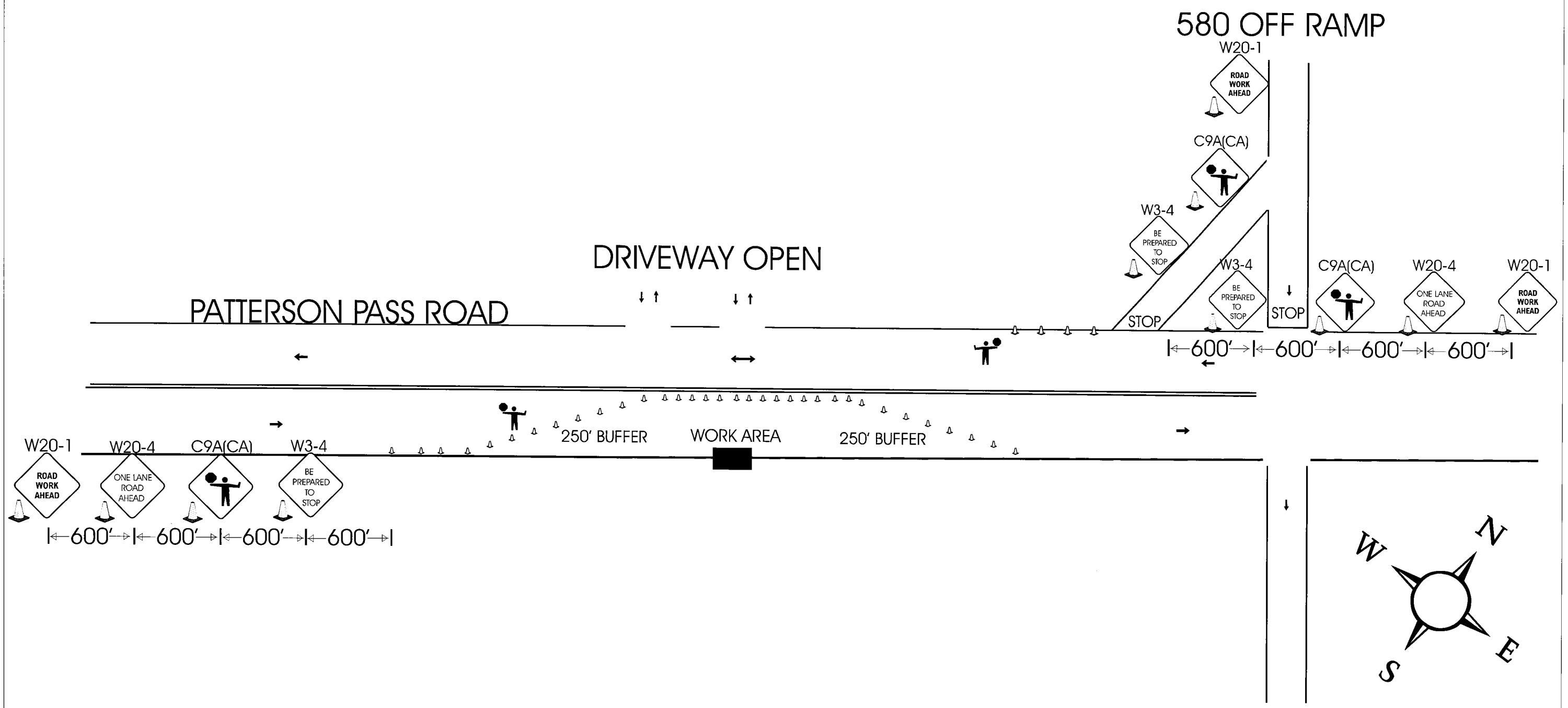
ATLANTIC RICHFIELD COMPANY FORMER SERVICE STATION 06100, 25775 PATTERSON PASS ROAD, TRACY, CALIFORNIA
CONSTRUCTION DOCUMENTS

SITE PLAN

ARCADIS Project No. GP09BPNA.C178.K0000
Date MAY 10, 2013

ARCADIS
950 GLENN DRIVE, SUITE 125
FOLSOM, CALIFORNIA 95630
TEL. 916.985.2079

C-1



580 ON RAMP

NOT TO SCALE

CONSTRUCTION ZONE TRAFFIC CONTROL
STATEWIDE SAFETY
C-31 "A" 523594
ADAM BENNETT
STATE OF CALIFORNIA

Owner: CITY OF TRACY	
Project Name: AS/SVE PILOT TEST GP09BPNA.C178	
Contractor: ARCADIS	Traffic Control Contractor: STATEWIDE SAFETY
Phone: 650-823-9027	Sheet Number / Date: 6/1/2011
Prepared By: STATEWIDE SAFETY & SIGNS	Project Number: # 1485