

**FOR CONTRACT NO.: 01-490404**

# **INFORMATION HANDOUT**

## **ENCROACHMENT PERMIT**

COUNTY OF HUMBOLDT

PERMIT NO. EP 10003

**ROUTE: 01-Hum-299-R7.1/36.9, 39.2/43.1**



EP 10003

DEPARTMENT OF PUBLIC WORKS  
**COUNTY OF HUMBOLDT**

MAILING ADDRESS: 1106 SECOND STREET, EUREKA, CA 95501-0579  
AREA CODE 707 / FAX 445-7409

ARCATA-EUREKA AIRPORT TERMINAL  
McKINLEYVILLE 839-5401

PUBLIC WORKS BUILDING SECOND & L ST., EUREKA			
ADMINISTRATION	445-7491	NATURAL RESOURCES	445-7741
BUSINESS	445-7652	PARKS	445-7651
ENGINEERING	445-7377	ROADS & EQUIP MAINT.	445-7421
FACILITY MANAGEMENT		445-7493	

CLARK COMPLEX  
HARRIS & H ST., EUREKA  
LAND USE 445-7205

**ENCROACHMENT PERMIT**

**PERMIT NO. EP 10003**

**PERMITTEE:** CALTRANS  
**ADDRESS:** % MARK SOBOTA  
1656 UNION STREET  
EUREKA, CA 95502-3700

**DATE ISSUED: 01/06/2010**  
**EXPIRATION: 07/06/2010**

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In compliance with your request of 10/20/2009 and subject to all the terms, conditions, and restrictions written below or printed as general or special provisions on any part of this form and/or attachments, permission is hereby granted, as per the attached special and general provisions and the Humboldt County Code Title IV, Division I, pertaining to the protection and control of County roads, to perform the following work:

To install 'Bike Alternate Route' signs and length of route information signs at each of the two intersections of State Highway 299 with Chezem Road (6L200). To install delineators trailblazer assembly approximately every mile along Chezem Road.

If any conflicts occur between this permit and the submitted plans, the conditions of this permit shall prevail.

***ALL WORK AUTHORIZED BY THIS PERMIT SHALL BE PERFORMED BY  
AN "A" LICENSED AND BONDED CONTRACTOR***

This permit is revocable, at the discretion of the Department of Public Works, upon written notice by US mail to the address of Permittee subject to nonconformance of this permit.

In accordance with the California Streets and Highways Code, §1463: All Permits are revocable on five (5) days' notice and the encroachment must be removed or relocated as may be specified by the road commissioner in the notice revoking the permit and within a reasonable time specified by the road commissioner unless the permit provides a specified time.

**SPECIFIC REQUIREMENTS:**

*Permittee shall be responsible for contacting the Department of Public Works for the scheduling of all required inspections (i.e. concrete forms, driveways and trenches prior to (re)surfacing, trench backfill) or as specifically stated within this permit. Permittee shall provide notification of project completion to the Department.*

(1) This permit is to be strictly complied with and no work other than that specifically mentioned is authorized hereby.

- (2) All proposed sign locations shall be staked in the field and approved prior to installation by the Department of Public Works.
- (3) Permittee shall use submitted CalTrans plans with Contract No. 01-490404 and EA 490401 and Sign Plan S-1 for sign placement. All signs and sign placement shall follow the CAMUTCD.
- (4) All proposed sign locations shall comply with Humboldt County visibility standards.
- (5) The permittee shall be responsible for all necessary maintenance to signs in a manner satisfactory to the Department of Public Works.
- (6) A final field inspection of the project will be required before this permit will be considered complete. Permittee shall contact this office at 445-7205 to schedule an on-site inspection when all work has been completed and this permit is ready to final.
- (7) Permittee shall be responsible for all traffic control and safety at all work locations in a manner satisfactory to the Department of Public Works. Warning and flagging of motorists at work locations shall be conducted AT ALL TIMES by properly trained personnel.
- (8) All affected utilities shall be contacted prior to any excavation work. Permittee shall notify U.S.A. - Underground Service Alert - at 1-800-227-2600. **Any utility conflicts shall be forwarded to the project engineer and this office for review prior to construction commencing.**

Note that the County of Humboldt does not participate in the U.S.A. program. Therefore Permittee is responsible to research, locate, and protect any County maintained facilities that may be within the work area. Typically these facilities include, but are not limited to, storm drain structures.

- (9) Permittee shall be responsible for all traffic control and safety at all work locations in a manner satisfactory to the Department of Public Works. Traffic control operations shall conform to **California Manual on Uniform Traffic Control Devices for Streets and Highways** (FHWA's MUTCD 2003 Edition, as amended for use in California), September 26, 2006, or latest edition, and to the satisfaction of the Department of Public Works. Warning and flagging of motorists at work locations shall be conducted AT ALL TIMES by properly trained personnel.

Permittee shall use Caltrans 2006 Standard Plan T13 for a traffic control plan. Permittee shall provide sign W20-1 and traffic cones at specified intervals shown on T13 when working outside of the travelway and not affecting normal vehicle traffic.

- (10) Only one (1) lane of traffic shall be closed at any time during construction or installation. NO COMPLETE ROAD CLOSURE is authorized under this permit.
- (11) No construction materials, storage containers, or debris shall be placed within County right of way during the project.
- (12) Any damage to existing County road improvements (i.e., adjacent curb and gutter, drainage structures, road surface, etc.) shall be repaired or replaced by Permittee to the satisfaction of the Department of Public Works. Damages will be reported promptly to the Department of Public Works.
- (13) This permit may be extended every 6 months for a fee not less than the Board of Supervisors latest adopted ordinance for charges of service. Please contact this office prior to the expiration date of the current permit.

(14) Permittee shall comply with Permit General Provisions and Public Safety attachments.

(15) This permit shall not be executed by the Department of Public Works until certificates or other sufficient proof that these insurance provisions have been complied with are received by the Department of Public Works.

(16) Permittee is responsible to obtain and comply with any other permits necessary for the project. Such permits may include, but are not limited to, those issued by County of Humboldt, Community Development Services - Planning Division; County of Humboldt, Community Development Services - Building Division; California Department of Fish and Game; State of California Department of Transportation (Caltrans); Army Corps of Engineers; etc.

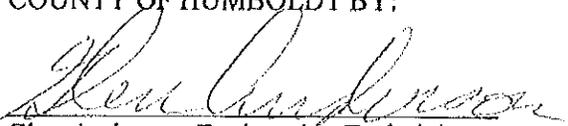
(17) Permittee, or an authorized agent of the Permittee for which this permit is issued certifies that the following permits are required for the work described in the above encroachment permit:

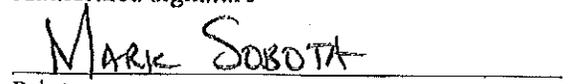
- 1)  None (Written verification of review from above permitting agencies may be required.)
- 2)  Permits required as listed below (please note whether issued or pending):

Agency	Permit # / Type	Date Issued

(18) This permit is not valid until all other permits required for the project have been issued. The Department of Public Works will issue a stop work order if work commences without all other required permits properly issued.

(19) Permittee, or an authorized agent of the Permittee for which this permit is issued, hereby recognizes and accepts the terms of this permit by authorized signature below.

COUNTY OF HUMBOLDT BY:  
  
 Glen Anderson, Engineering Technician  
 Land Use Division  
 3033 H Street, Room 17  
 Eureka CA 95501  
 (707) 445-7205

CALTRANS BY:  
  
 Authorized signature  
  
 Print name  
 Date 1/6/10

c: Kim Conrad, Northern Area Road Superintendent  
 Tim Faulkner and Jimmers Shores, Road Crew Supervisors  
 Roads Division  
 \*\$172 fee waived

Attachments – Insurance Requirements, General and Special Provisions, Public Safety,  
 Hold Harmless/Indemnification, and Caltrans T13

## INSURANCE REQUIREMENTS

*THIS PERMIT SHALL NOT BE EXECUTED BY COUNTY and PERMITTEE/CONTRACTOR are not entitled to any rights, unless certificates of insurance, or other sufficient proof that the following provisions have been complied with, and such certificate(s) are filed with the Clerk of the Humboldt County Board of Supervisors.*

Without limiting PERMITTEE/CONTRACTOR'S indemnification provided herein, PERMITTEE/CONTRACTOR shall and shall require any of its subcontractors to take out and maintain, throughout the period of this permit, the following policies of insurance placed with insurers with a current A.M. Bests rating of no less than A:VII or its equivalent against injury/death to persons or damage to property which may arise from or in connection with the activities hereunder of PERMITTEE/CONTRACTOR, its agents, employees, or subcontractors:

1. Comprehensive or Commercial General Liability Insurance at least as broad as Insurance Services Office Commercial General Liability coverage (occurrence form CG0001), in an amount of \$1,000,000 per occurrence. If work involves explosive, underground or collapse risks, XCU must be included. If a general aggregate limit is used, either the general aggregate limit shall apply separately to this project or the general aggregate shall be twice the required occurrence limit. Said policy shall contain, or be endorsed with, the following provisions:

a. COUNTY, its officers, employees, and agents, are covered as additional insured for liability arising out of the operations performed by or on behalf of PERMITTEE/CONTRACTOR. The coverage shall contain no special limitations on the scope of protection afforded to COUNTY, its officers, agents, and employees.

b. The policy shall not be canceled or materially reduced in coverage without thirty (30) days prior written notice (10 days for non-payment of the premium) to COUNTY by certified mail.

c. The inclusion of more than one insured shall not operate to impair the rights of one insured against another insured, and the coverage afforded shall apply as though separate policies had been issued to each insured, but the inclusion of more than one insured shall not operate to increase the limits of the insurer's liability.

d. For claims related to this project, PERMITTEE/CONTRACTOR'S insurance is primary coverage to COUNTY, and any insurance or self-insurance programs maintained by COUNTY are excess to PERMITTEE/CONTRACTOR'S insurance and will not be called upon to contribute with it.

2. Any failure to comply with reporting or other provisions of the parties, including breach of warranties, shall not affect coverage provided to COUNTY, its officers, employees and agents. PERMITTEE/CONTRACTOR shall furnish COUNTY with certificates and original endorsements effecting the required coverage prior to execution of this permit by COUNTY. The endorsements shall be on forms as approved by the County Risk Manager or County Counsel. Any deductible or self-insured retention over \$100,000 shall be disclosed to and approved by COUNTY. If PERMITTEE/CONTRACTOR does not keep all required policies in full force and effect, COUNTY may, in addition to other remedies under this permit, take out the necessary insurance, and PERMITTEE/CONTRACTOR agree to pay the cost of said insurance. All coverage shall be with insurance carriers licensed and admitted to do business in California. All coverage shall be with insurance carriers acceptable to COUNTY.

Questions concerning insurance requirements shall be directed to the County Risk Manger at 707-268-2546.

## GENERAL PROVISIONS

DEFINITION - This permit is issued in accordance with the Encroachment Permit Ordinance #896 and any amendments thereof. This permit is revocable on notice by the Director of Public Works.

ACCEPTANCE OF PROVISIONS - It is understood and agreed by the Permittee that the doing of any work under this permit shall constitute an acceptance of the conditions and provisions relative to the permit.

NO PRECEDENT ESTABLISHED - This permit is granted with the understanding that this action is not to be considered as establishing any precedent on the question of the expediency of permitting any certain kind of encroachment to be erected within right of way of County highways.

NOTICE PRIOR TO STARTING WORK - The Department of Public Works shall be notified 24 hours in advance of pouring concrete to permit inspection of subgrade and forms.

KEEP PERMIT ON SITE - This permit shall be kept at the work site and must be shown to any representative of the Grantor or any law enforcement officer on demand.

PROTECTION OF TRAFFIC - Adequate provision shall be made for the protection of the traveling public. Barricades shall be placed with amber lights at night, also flagmen employed, all as may be required by the County for the particular work in progress.

MINIMUM INTERFERENCE WITH TRAFFIC - All work shall be planned and carried out so that there will be the least possible inconvenience to the traveling public.

STORAGE OF MATERIAL - No material shall be stored within 8 feet from the edge of pavement or graveled way or within the shoulder line when the shoulders are wider than 8 feet, unless specifically authorized by this permit.

CLEAN UP - Upon completion of the work, all brush, timber, scraps, and materials shall be entirely removed and the right of way left in as presentable a condition as before work started.

STANDARDS OF CONSTRUCTION - All work shall conform to the State of California Standard Specifications and County standards.

FUTURE MOVING OF INSTALLATION - It is understood by the Permittee that the installation authorized herein shall, upon demand of the Director of Public Works, be relocated by and at the sole expense of the Permittee whenever construction, reconstruction, or maintenance on the highway may require such relocation. The Permittee must complete such relocation within the time specified in said demand.

CARE OF DRAINAGE - Permittee shall undertake such measures to prevent interference with established drainage as may be required by the Director of Public Works.

EXCAVATION - All excavation shall comply with the provisions of Chapter 3, Article 2, Section 320, of the Encroachment Permit Ordinance #896.

BACKFILL - Backfill in all trenches shall comply with the provisions of Chapter 3, Article 2, Section 321, of the Encroachment Permit Ordinance #896.

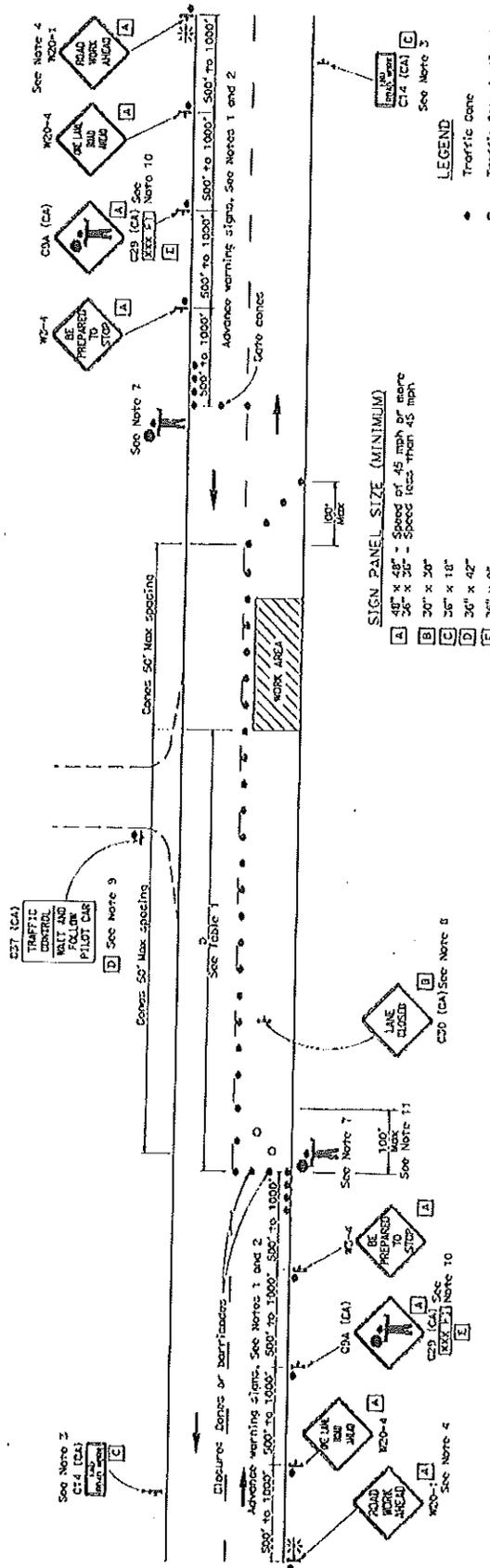
LOCATION - The shallowest portion of any pipeline or other facility shall be installed not less than 30 inches below the roadway surface, or one foot below the flow line of any drainage structure, pipe, ditch, or creek.

CURB, GUTTERS, AND SIDEWALK - Shall comply with the provisions of Chapter 3, Article 3, of Encroachment Permit Ordinance #896 and any amendments thereof.

DEFAULT OF PERMITTEE - By applying for and obtaining a permit, the Permittee agrees that if the Permittee fails to comply with the terms of the Permit, the County may elect to perform and complete the work by any method the Director deems appropriate. The Permittee shall reimburse the County for the full cost of the work at the then current Associated General Contractor's Cost Schedule for such work.

DATE: MAY 1, 2006  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 PROJECT: [Blank]  
 SHEET: [Blank] OF [Blank]  
 SCALE: [Blank]  
 TITLE: TYPICAL LANE CLOSURE WITH REVERSIBLE CONTROL

TYPICAL LANE CLOSURE WITH REVERSIBLE CONTROL



**SIGN PANEL SIZE (MINIMUM)**

A 48" x 48" - Speed of 45 mph or more  
 B 36" x 36" - Speed less than 45 mph  
 C 30" x 18"  
 D 36" x 42"  
 E 36" x 9"

TABLE 1

Approach Speed	Minimum D	Minimum D *	Downgrade
35 mph	67	72	52
40	71	77	57
45	75	81	61
50	79	85	65
55	83	89	69
60	87	93	73
65	91	97	77
70	95	101	81
75	99	105	85
80	103	109	89
85	107	113	93
90	111	117	97
95	115	121	101
100	119	125	105
105	123	129	109
110	127	133	113
115	131	137	117
120	135	141	121
125	139	145	125
130	143	149	129
135	147	153	133
140	151	157	137
145	155	161	141
150	159	165	145
155	163	169	149
160	167	173	153
165	171	177	157
170	175	181	161
175	179	185	165
180	183	189	169
185	187	193	173
190	191	197	177
195	195	201	181
200	199	205	185
205	203	209	189
210	207	213	193
215	211	217	197
220	215	221	201
225	219	225	205
230	223	229	209
235	227	233	213
240	231	237	217
245	235	241	221
250	239	245	225
255	243	249	229
260	247	253	233
265	251	257	237
270	255	261	241
275	259	265	245
280	263	269	249
285	267	273	253
290	271	277	257
295	275	281	261
300	279	285	265
305	283	289	269
310	287	293	273
315	291	297	277
320	295	301	281
325	299	305	285
330	303	309	289
335	307	313	293
340	311	317	297
345	315	321	301
350	319	325	305
355	323	329	309
360	327	333	313
365	331	337	317
370	335	341	321
375	339	345	325
380	343	349	329
385	347	353	333
390	351	357	337
395	355	361	341
400	359	365	345
405	363	369	349
410	367	373	353
415	371	377	357
420	375	381	361
425	379	385	365
430	383	389	369
435	387	393	373
440	391	397	377
445	395	401	381
450	399	405	385
455	403	409	389
460	407	413	393
465	411	417	397
470	415	421	401
475	419	425	405
480	423	429	409
485	427	433	413
490	431	437	417
495	435	441	421
500	439	445	425
505	443	449	429
510	447	453	433
515	451	457	437
520	455	461	441
525	459	465	445
530	463	469	449
535	467	473	453
540	471	477	457
545	475	481	461
550	479	485	465
555	483	489	469
560	487	493	473
565	491	497	477
570	495	501	481
575	499	505	485
580	503	509	489
585	507	513	493
590	511	517	497
595	515	521	501
600	519	525	505
605	523	529	509
610	527	533	513
615	531	537	517
620	535	541	521
625	539	545	525
630	543	549	529
635	547	553	533
640	551	557	537
645	555	561	541
650	559	565	545
655	563	569	549
660	567	573	553
665	571	577	557
670	575	581	561
675	579	585	565
680	583	589	569
685	587	593	573
690	591	597	577
695	595	601	581
700	599	605	585
705	603	609	589
710	607	613	593
715	611	617	597
720	615	621	601
725	619	625	605
730	623	629	609
735	627	633	613
740	631	637	617
745	635	641	621
750	639	645	625
755	643	649	629
760	647	653	633
765	651	657	637
770	655	661	641
775	659	665	645
780	663	669	649
785	667	673	653
790	671	677	657
795	675	681	661
800	679	685	665
805	683	689	669
810	687	693	673
815	691	697	677
820	695	701	681
825	699	705	685
830	703	709	689
835	707	713	693
840	711	717	697
845	715	721	701
850	719	725	705
855	723	729	709
860	727	733	713
865	731	737	717
870	735	741	721
875	739	745	725
880	743	749	729
885	747	753	733
890	751	757	737
895	755	761	741
900	759	765	745

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL SYSTEM  
 FOR LANE CLOSURE ON  
 TWO LANE CONVENTIONAL  
 HIGHWAYS**  
 NO SCALE

T13

**NOTES:**  
 Unless otherwise specified in the special notes, all temporary warning signs shall have black legend on orange background. California code are designated by (CAL). Otherwise, Federal (FHWD) codes are shown.

- NOTES:**
- Where approach speeds are low, advance warning signs may be placed at 300' spacing, and closer in urban areas.
  - Each advance warning sign in each direction of travel shall be placed within two times the advance distance. Each sign shall be legible for daytime and nighttime. Signs shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness. Indicated for lane closure during hours of darkness.
  - All signs used for lane closure during the hours of darkness shall be illuminated. For the purpose of this plan, the following sign shall be used: W2B-4 (See Note 4).
  - If the W2B-4 sign would follow within 200' of a temporary sign for the first advance warning sign.
  - All signs used for lane closure during the hours of darkness shall be illuminated. For the purpose of this plan, the following sign shall be used: W2B-4 (See Note 4).
  - Permissible alternatives placed at one-half the spacing indicated for the purpose of this plan may be used instead of cones for daytime closures only.
  - Additional advance flaggers may be required. Flaggers should stand in a conspicuous place so visible to approaching traffic as well as approaching vehicles or vehicles. The flaggers should, during the hours of darkness, be clearly visible to approaching traffic. No illumination (lighting) of the flaggers on the ground shall be used. Flaggers shall stand in a conspicuous place at 50' intervals in advance of the station of closure.
  - Place C20 (CAL) LANE CLOSURE sign at 500' to 1000' intervals throughout advance warning area. The work area is visible from the flagger station.
  - When a sign set is used, place C27 (CAL) TRAFFIC CONTROL - WAIT AND FOLLOW PILOT CAR sign at 500' to 1000' intervals. The traffic control area sign shall be clear and visible at all times.
  - An optional C28 (CAL) sign may be placed below the C24 (CAL) sign.
  - Traffic cones or barricades may be placed on the approach side of the work area. Barricades shall be Type I, II, or III.