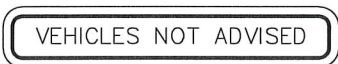


A "PUBLIC COASTAL ACCESS" OR "PUBLIC RIVER ACCESS" SIGN SHALL BE USED IN LIEU OF A "PUBLIC ACCESS" SIGN WHEN THE RIGHT OF WAY CONNECTS TO THE COAST OR RIVER, RESPECTIVELY.

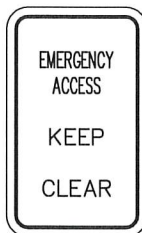
CAMUTCD REFERENCE: SG28(CA)
 SIGN COLOR: BROWN BACKGROUND / WHITE BORDER & TEXT
 SIGN SIZE: 30" W X 30" T
 ALPHABET: D SERIES
 TEXT HEIGHT: 4"

DETAIL A



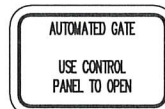
CAMUTCD REFERENCE: SW48(CA) (MODIFIED)
 SIGN COLOR: BROWN BACKGROUND / WHITE BORDER & TEXT
 SIGN SIZE: 30" W X 9" T
 ALPHABET: D SERIES
 TEXT HEIGHT: 2"

DETAIL B

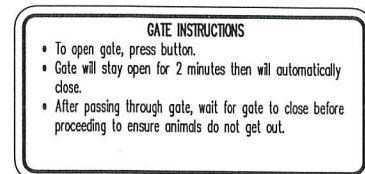


CAMUTCD REFERENCE: SR46(CA)
 SIGN COLOR: WHITE BACKGROUND / BLACK BORDER & TEXT
 SIGN SIZE: 24" W X 30" T

DETAIL D

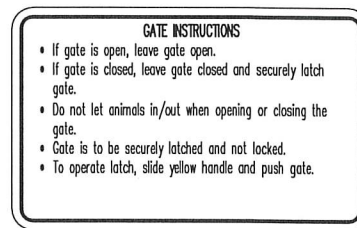


GATE SIGN



CONTROL PANEL SIGN

AUTOMATED GATE SIGNS



MANUALLY OPERATED GATE SIGN

CAMUTCD REFERENCE: NONE
 SIGN COLOR: WHITE BACKGROUND / BLACK BORDER & TEXT
 SIGN SIZE: VARIES; 12" W X 18" T MINIMUM
 MESSAGE: CUSTOM PER PERMITTEE

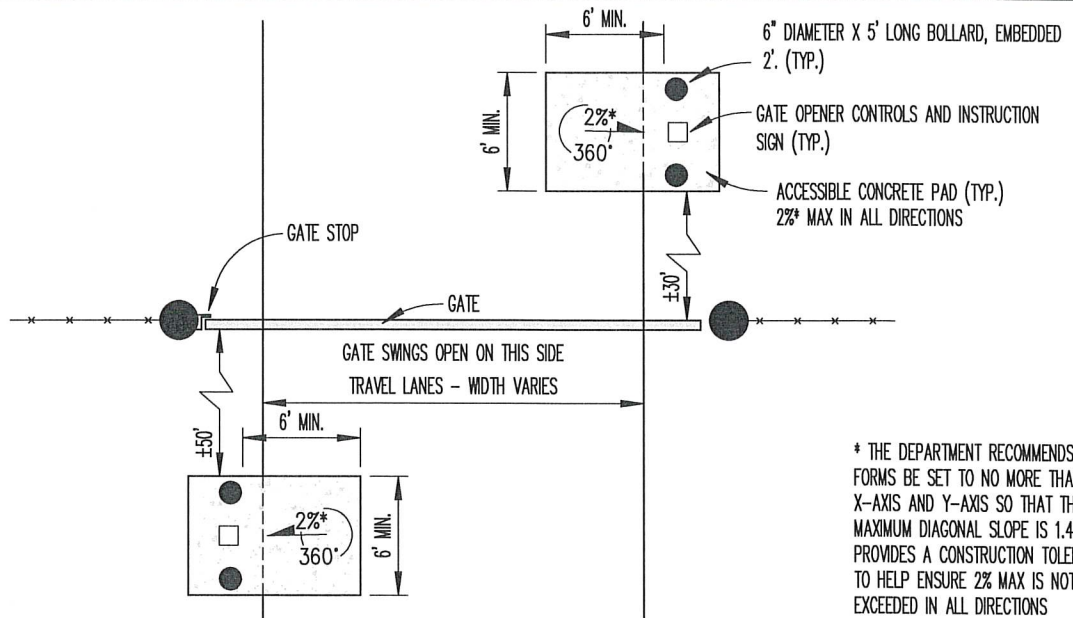
DETAIL C

NOTE: FIGURES HEREON ARE NOT DRAWN TO SCALE, UNLESS OTHERWISE NOTED.

CASP REVIEW ON 07/14/2021 BY TJG



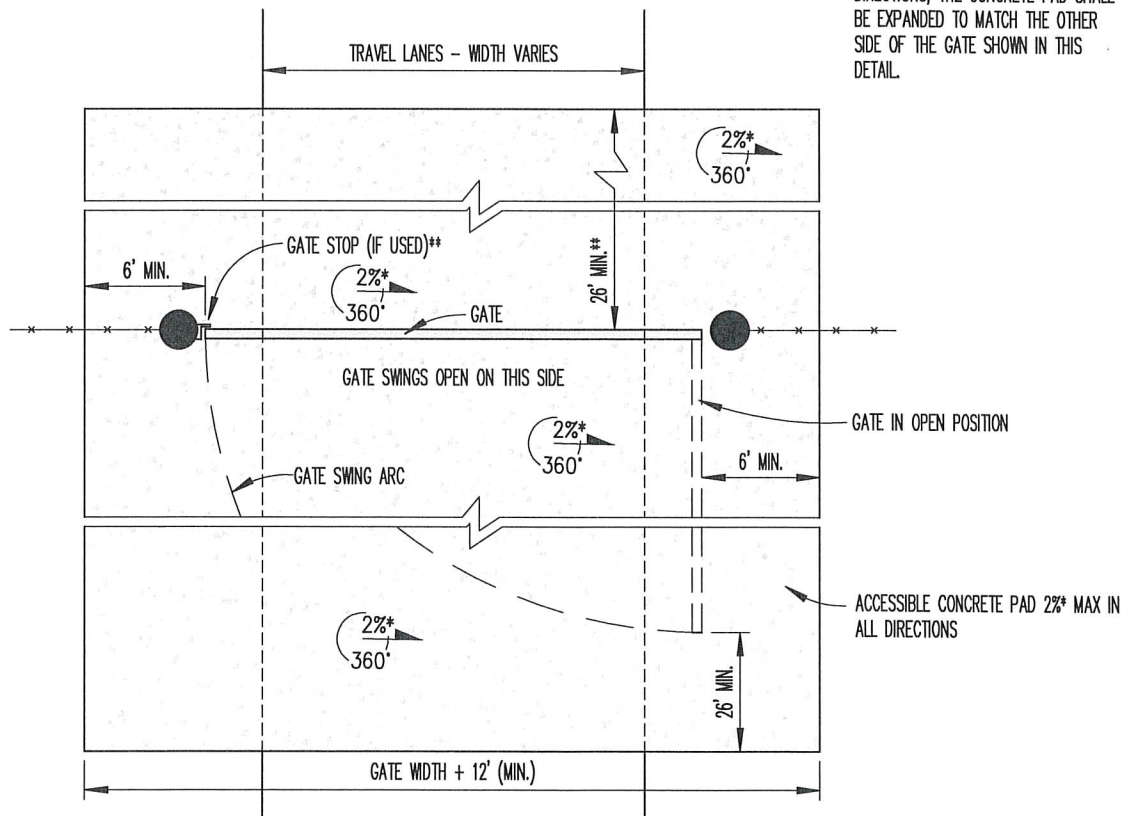
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS		STANDARD PLAN No.
GATES		
FOR USE WITH CALTRANS STANDARD SPECIFICATIONS, LATEST EDITION		
APPROVED BY:		08/12/2021
ROBERT W. BRONKALL DEPUTY PUBLIC WORKS DIRECTOR		DATE
ISSUED: 08/12/2021		SHT 1 OF 4



* THE DEPARTMENT RECOMMENDS THAT FORMS BE SET TO NO MORE THAN 1% IN X-AXIS AND Y-AXIS SO THAT THE MAXIMUM DIAGONAL SLOPE IS 1.4%. THIS PROVIDES A CONSTRUCTION TOLERANCE TO HELP ENSURE 2% MAX IS NOT EXCEEDED IN ALL DIRECTIONS

** IF THE GATE SWINGS OPEN IN BOTH DIRECTIONS, THE CONCRETE PAD SHALL BE EXPANDED TO MATCH THE OTHER SIDE OF THE GATE SHOWN IN THIS DETAIL.

AUTOMATED GATE PLAN VIEW



MANUAL GATE PLAN VIEW

NOTE: FIGURES HEREON ARE NOT DRAWN TO SCALE, UNLESS OTHERWISE NOTED.

CASP REVIEW ON 07/14/2021 BY T.J.G



COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

GATES

FOR USE WITH CALTRANS STANDARD SPECIFICATIONS, LATEST EDITION

APPROVED BY:

Robert W. Bronkall
 ROBERT W. BRONKALL
 DEPUTY PUBLIC WORKS DIRECTOR

08/12/2021
 DATE

STANDARD PLAN No.

ISSUED: 08/12/2021

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NOTES

1. **APPLICABILITY:** THIS STANDARD PLAN SHALL BE USED ON ALL PUBLIC RIGHT OF WAYS (BOTH COUNTY MAINTAINED AND NON-COUNTY MAINTAINED). THIS STANDARD PLAN DOES NOT APPLY TO NON-PUBLIC RIGHT OF WAYS. CONTACT THE LAND USE DIVISION AT 707.445.7205 FOR ASSISTANCE IN DETERMINING THE TYPE OF RIGHT OF WAY THAT EXISTS.
2. THE TERM "PERMITEE" REFERS TO THE PERSON(S) RESPONSIBLE FOR THE GATE.
3. GATES ACROSS COUNTY MAINTAINED ROADS ARE NOT PERMITTED WITHOUT APPROVAL BY THE BOARD OF SUPERVISORS (STREETS AND HIGHWAYS CODE SECTION 1486) AND AN ENCROACHMENT PERMIT. (COUNTY CODE SECTION 411-1 ET SEQ.)

THE DEPARTMENT OF PUBLIC WORKS ONLY SUPPORTS REQUESTS FOR GATES ACROSS COUNTY MAINTAINED ROADS WHEN ALL OF THE FOLLOWING CONDITIONS EXIST: 1) THE ROAD IS A DEAD-END ROAD; AND 2) ALL OF THE OWNERS WHOSE PROPERTY(IES) THAT TAKE ACCESS FROM THE PROPOSED GATED PORTION OF THE ROAD SIGN A PETITION IN FAVOR OF THE GATE.

4. GATES ACROSS NON-COUNTY MAINTAINED PUBLIC RIGHT OF WAYS ARE ALLOWED; SUBJECT TO THESE STANDARDS. A BUILDING PERMIT ISSUED BY THE PLANNING & BUILDING DEPARTMENT MAY BE NECESSARY. CONTACT THE COUNTY OF HUMBOLDT PLANNING & BUILDING DEPARTMENT AT 707.445.7541.
5. A COASTAL DEVELOPMENT PERMIT MAY BE NECESSARY. CONTACT THE COUNTY OF HUMBOLDT PLANNING & BUILDING DEPARTMENT AT 707.445.7541.
6. GATES, APPURTENANCES, AND ASSOCIATED SIGNS SHALL BE MAINTAINED BY THE PERMITEE (NOT THE COUNTY).
7. GATES SHALL NOT BE LOCKED, BUT MAY BE LATCHED TO KEEP THE GATE SECURE. A "GATE INSTRUCTION" SIGN SHALL BE CONSPICUOUSLY POSTED NEAR THE LATCH ON BOTH SIDES OF THE GATE. THE PURPOSE OF THE SIGN IS TO INSTRUCT THE PUBLIC ON HOW TO OPERATE THE GATE. IF THE LATCH IS NOT INTUITIVE, INSTRUCTIONS ON HOW TO USE THE LATCH SHALL ALSO BE PROVIDED ON THE SIGN.

IF THE GATE IS AUTOMATED, TWO SIGNS ARE REQUIRED. THE GATE INSTRUCTION SIGN SHALL BE LOCATED ON THE GATE AND THE CONTROL PANEL INSTRUCTION SIGN SHALL BE LOCATED NEAR THE CONTROL BUTTON.

IT IS THE RESPONSIBILITY OF THE PERMITEE TO HAVE ADEQUATE SIGN(S) TO ENSURE COMPLIANCE BY THE PUBLIC. SAMPLE SIGN(S) ARE SHOWN IN DETAIL C.


8. A "PUBLIC ACCESS" SIGN SHALL BE INSTALLED ON EACH SIDE OF THE GATE. SEE DETAIL A.
9. A "VEHICLES NOT ADVISED" SIGN SHALL BE PLACED BELOW THE "PUBLIC ACCESS" SIGN WHEN A ROAD IS NOT MAINTAINED OR A ROAD HAS NOT BEEN DEVELOPED. THIS SIGN IS ONLY PLACED ONE SIDE OF THE GATE. SEE DETAIL B.
10. A "KEEP CLEAR" SIGN SHALL BE POSTED ON EACH SIDE OF THE GATE TO PREVENT VEHICLES FROM PARKING AND BLOCKING THE GATE. SEE DETAIL D.
14. ALL SIGNS SHALL BE FABRICATED AND INSTALLED PURSUANT TO CAMUTCD STANDARDS AND SPECIFICATIONS.

15. SIGNS MAY BE AVAILABLE FOR PURCHASE FROM THE COUNTY SIGN SHOP. CONTACT NUMBER: 707.733.9504
 16. NO OTHER SIGNS SHALL BE PLACED ON OR NEAR THE GATE THAT SUGGESTS THAT PUBLIC ACCESS IS PROHIBITED.
 17. NO OTHER SIGNS SHALL BE PLACED ON OR NEAR THE PUBLIC RIGHT OF WAY THAT SUGGESTS THAT PUBLIC ACCESS IS PROHIBITED.
 18. THE ADJOINING LANDOWNER SHALL BE RESPONSIBLE FOR DELINEATING THE EDGE OF THE PUBLIC RIGHT OF WAY TO PREVENT TRESPASSING. "NO TRESPASSING" SIGNS, IF USED, SHALL BE INSTALLED ALONG THE EDGE OF THE RIGHT WAY IN SUCH A MANNER THAT DOES NOT CONFUSE THE PUBLIC REGARDING THE USE OF THE PUBLIC RIGHT OF WAY.
 19. ON BOTH SIDES OF THE GATE, INSTALL 4" TALL X 16" LONG ALTERNATING RED / WHITE REFLECTIVE STRIPE FOR FULL WIDTH OF THE GATE. 3M GA1616 OR EQUIVALENT. BOTTOM OF STRIPE TO BE MOUNTED BETWEEN 3.5 FEET AND 4.5 FEET ABOVE THE ROAD SURFACE. MOUNT ON STEEL PLATE. REFERENCE CAMUTCD 2B.68
 20. ON BOTH SIDES OF THE GATE, INSTALL TYPE OM4-1 OBJECT MARKER IN THE CENTER OF TRAVEL LANE. TOP OF OBJECT MARKER SHALL BE MOUNTED 4' ABOVE THE SURFACE OF THE ROAD. REFERENCE CAMUTCD 2B.68
 21. THAT PORTION OF THE GATE THAT IS WITHIN 10" OF THE ROAD SURFACE SHALL HAVE A KICK PLATE INSTALLED FOR THE FULL WIDTH OF THE GATE. INSTALL KICK PLATE ON BOTH SIDES OF THE GATE. REFERENCE CBC 11B-404.2.10
- NOTE: PUBLIC WORKS RECOMMENDS KEEPING THE BOTTOM OF THE GATE MORE THAN 10 INCHES FROM THE ROAD TO AVOID THE NEED FOR A KICK PLATE..
22. PRIOR TO INSTALLATION OF THE GATE, PLANS AND SPECIFICATIONS FOR THE GATE SHALL BE APPROVED BY THE DEPARTMENT. THE GATE AND ALL APPURTENANCES SHALL BE CONSTRUCTED TO BE DURABLE FOR PUBLIC USE.
 23. STRUCTURAL SECTION FOR CONCRETE SHALL BE 8 INCHES PCC OVER 8 CALTRANS CLASS II BASE. PLACE #3 REBAR 12 INCHES ON CENTER AND EACH WAY. SUBGRADE AND BASE SHALL BE COMPACTED TO 95% RELATIVE COMPACTION. DEEP JOINTS SHALL BE SCORED INTO CONCRETE 5 FOOT X 5 FOOT MAX. SQUARES.

(CONTINUED - SEE SHEET 4)

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CASP REVIEW ON 07/14/2021 BY TJG

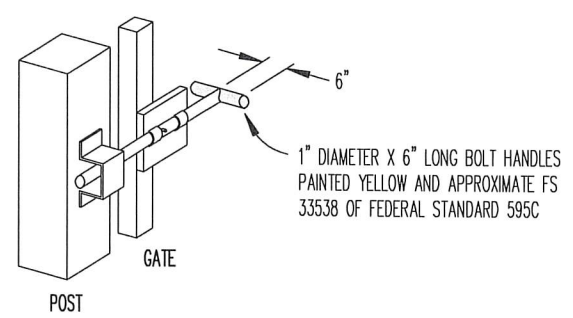
	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS		STANDARD PLAN No.
	GATES		
	FOR USE WITH CALTRANS STANDARD SPECIFICATIONS, LATEST EDITION		
	APPROVED BY: <u>Robert W. Bronkall</u>	08/12/2021	
	ROBERT W. BRONKALL DEPUTY PUBLIC WORKS DIRECTOR	DATE	
	ISSUED: 08/12/2021	F:\AUTOCAD PROJECTS\STANDARD PLANS\DWG\GATES.DWG	SHT 3 OF 4

NOTES

- 24. ALL GATES SHALL CONFORM TO:
 - CAMUTCD 2B.68 (GATES)
 - COUNTY CODE 3112-13 (FIRE SAFE REGULATIONS) WHEN LOCATED IN STATE RESPONSIBILITY AREA)
 - CBC 11B-305 (CLEAR SPACE)
 - CBC 11B-404 (GATES)
 - CBC 11B-404.2.4 (MANEUVERING CLEARANCE)
 - CBC 11B-404.2.4.4 (GROUND SURFACE)
 - CBC 11B-404.2.9 (GATE OPENING FORCE)
 - CBC 11B-404.2.10 (GATE SURFACE)

- 25. AUTOMATED GATES SHALL CONFORM TO:
 - CBC 11B-404.2.8 (CLOSING SPEED)
 - CBC 11B-404.3 (AUTOMATIC GATES)
 - THE BUTTON SHALL BE LOCATED OUTSIDE THE TRAVEL LANE, BUT ADJACENT TO THE TRAVEL LANE WHERE IT CAN BE REACHED BY A PERSON IN A VEHICLE.
 - A 5 FOOT BY 5 FOOT CONCRETE PAD WITH SLOPES NOT EXCEEDING 2% IN ANY DIRECTION SHALL BE PROVIDED IN FRONT OF ALL PUSH BUTTONS PER CBC 11B-305.
 - PUSH BUTTONS SHALL BE PROTECTED BY 6" DIAMETER x 5' LONG STEEL BOLLARDS, EMBEDDED 2 FEET, PLACED OUTSIDE OF THE OF CLEAR SPACE, OUTSIDE OF THE MANEUVERING SPACE AND OUTSIDE OF THE TRAVEL LANES. BOLLARDS SHALL BE PAINTED YELLOW AND APPROXIMATE FS 33538 OF FEDERAL STANDARDS 595C.

- 26. MANUALLY OPERATED GATES SHALL CONFORM TO:
 - CBC 11B-309 (OPERABLE PARTS)
 - CBC 11B-404.2.7 (GATE HARDWARE)
 - A CONCRETE PAD WITH SLOPES NOT EXCEEDING 2% IN ANY DIRECTION SHALL BE PROVIDED ON BOTH SIDES OF THE GATE IN COMPLIANCE WITH CBC 11B-305 (CLEAR SPACE) AND 11B-404.2.4 (MANEUVERING CLEARANCE).
 - BOLT LEVER/HANDLE SHALL BE PAINTED YELLOW AND APPROXIMATE FS 33538 OF FEDERAL STANDARDS 595C



MANUAL GATE BOLT DETAIL

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