COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

GATES

FOR USE WITH CALTRANS STANDARD SPECIFICATIONS, LATEST EDITION

APPROVED BY:
NOTE: THIS DOCUMENT IS PROVIDED AS SEARCHABLE PDF. THIS DOCUMENT IS IDENTICAL TO THE SIGNED AND STAMPED ORIGINAL WHICH IS AVAILABLE AT: HTTPS://HUMBOLDTGOV.ORG/2291

ROBERT W. BRONKALL
DEPUTY PUBLIC WORKS DIRECTOR

ISSUED: 08/12/2021

SHT 1 OF 4

NOTE: FIGURES HEREON ARE NOT DRAWN TO SCALE, UNLESS OTHERWISE NOTED.
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 "Permittee" 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 (Section 811.36.22.1 of the County Code) and an Encroachment Permit (County Code Section 411.0.1 et seq.).

4. 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 properties that take access from the proposed gated portion of the road shall be a permit in favor of the gate.

5. Gates across non-county maintained public right of ways are allowed. Subject to the standards, a building permit issued by the Planning and Building Department may be necessary. Contact the County of Humboldt Planning & Building Department at 707-445-7541.

6. A Coastal Development Permit may be necessary. Contact the County of Humboldt Planning & Building Department at 707-445-7541.

7. Gates, appurtenances, and associated signs shall be maintained by the permittee (not the county).

8. Gates shall not be locked, but may be latched to keep the gate secure. A "Gate Instruction" sign shall be continuously 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 be posted near the sign.

9. 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.

10. It is the responsibility of the permittee to have adequate sign(s) to ensure compliance by the public. Sample sign(s) are shown in detail C.

11. A "Public Access" sign shall be installed on each side of the gate. See detail A.

12. A "Vehicle 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.

13. A "Keep Clear" sign shall be placed 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 CAMPOD standards and specifications.

15. Signs may be available for purchase from the County Sign Shop. Contact number: 707-734-9504.

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. In gate or equivalent. Bottom of strip shall be mounted between 3.5 feet and 4.5 feet above the road surface. Mount on steel plate. Reference CAMPOD 28.68.

20. On both sides of the gate, install type only-1 object marker in the center of traffic lane. Top of object marker shall be mounted 4" above the surface of the road. Reference CAMPOD 28.68.

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 CAMPOD 138-404-210. 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 III base. Place 4" rebar 12 inches on center and each way. Subgrade and base shall be compacted to 95% relative compaction. Joints shall be sealed into concrete 5 foot x 5 foot max. squares.

(Continued - see Sheet 4)

**Notes:** Figures hereon are not drawn to scale, unless otherwise noted.
NOTES

24. ALL GATES SHALL CONFORM TO:
   - CAN/CSA 28.68 (GATES)
   - COUNTY CODE 312-13 (FIRE SAFE REGULATIONS) WHEN LOCATED IN STATE RESPONSIBILITY AREA
   - CBC 119-305 (CLEAR SPACE)
   - CBC 119-404 (GATES)
   - CBC 119-404.2.4 (MANEUVERING CLEARANCE)
   - CBC 119-404.2.4.4 (GROUND SURFACE)
   - CBC 119-404.2.9 (GATE OPENING FORCE)
   - CBC 119-404.2.10 (GATE SURFACE)

25. AUTOMATED GATES SHALL CONFORM TO:
   - CBC 119-404.2.8 (CLOSING SPEED)
   - CBC 119-404.3 (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 119-305.
   - PUSH BUTTONS SHALL BE PROTECTED BY 6" DIAMETER x 6" LONG STEEL BOLLARDS, EMBEDDED 2 FEET, PLACED OUTSIDE OF THE CLEAR SPACE, OUTSIDE OF THE MANEUVERING SPACE AND OUTSIDE OF THE TRAVEL LINES. BOLLARDS SHALL BE PAINTED YELLOW AND APPROXIMATE FS 3353B OF FEDERAL STANDARDS 595C.

26. MANUALLY OPERATED GATES SHALL CONFORM TO:
   - CBC 119-309 (OPERABLE PARTS)
   - CBC 119-404.2.7 (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 119-305 (CLEAR SPACE) AND 119-404.2.4 (MANEUVERING CLEARANCE).
   - BOLT LEVER/HANDLE SHALL BE PAINTED YELLOW AND APPROXIMATE FS 3353B OF FEDERAL STANDARDS 595C.

MANUAL GATE BOLT DETAIL

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