



THE CITY OF SAN DIEGO

MEMORANDUM

DATE: August 15, 2019

TO: Distribution

FROM: James Nagelvoort, City Engineer

SUBJECT: Additional Temporary Traffic Control Standard for Open Trench Sign on Barricade

---

Temporary traffic control plans are required for all public improvement projects in the right-of-way (ROW) and City properties. These plans shall conform with the adopted City, State and Federal standards including the California Manual on Uniform Traffic Control Devices (MUTCD). In addition to these standards, new stricter requirements, signs and barricades, as discussed below, are necessary to maintain the health and safety of the public, pedestrian and bicyclist during construction.

Effective immediately, "OPEN TRENCH" C27 (CA) sign on Type 3 barricade (open trench sign) shall be installed as additional temporary traffic control device within the ROW and City properties. The following are guidelines for the installations:

1. All new construction projects with trenches that are greater than 3 inches in depth in the public ROW and City properties are required to install open trench signs. The attached Figure A is a depiction of the placements of this sign.
2. The open trench signs shall be placed on all open trenches in accordance with California MUTCD Section 6F.103 (CA).
3. Continues barricade preventing bikers and pedestrians from entering the construction zone from the direction of the traffic flow shall be installed near the trench area.

In addition to this open trench sign, all other appropriate traffic control devices, signage and markings per the California MUTCD shall be shown on all temporary traffic control plans. These plans shall be reviewed and approved by the City prior to construction.

Page 2  
Distribution  
August 15, 2019

Please notify your Project Managers, Resident Engineers, designers, consultants, and maintenance crews of the new standard. If you have any questions or need additional information, contact Corson Smith at 619-446-5108 (SmithCT@sandiego.gov) or Ahmed Aburahmah at 858-495-4740 (AAburahmah@sandiego.gov).

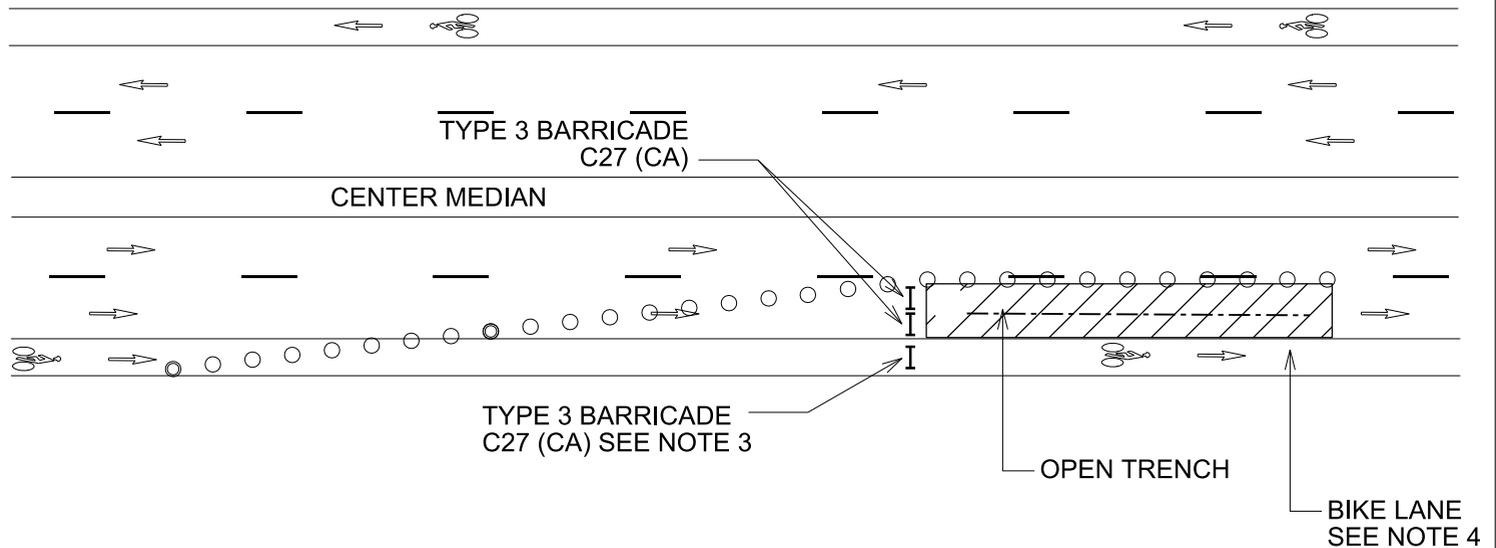


James Nagelvoort, PE C-55919  
City Engineer

Attachment: Figure A – Open Trench Sign on Barricade Placement

Distribution List:

Honorable Mara Elliott, City Attorney  
Kris Michell, Chief Operating Officer  
Ronald H. Villa, Assistant Chief Operating Officer  
Colin Stowell, Fire Chief, San Diego Fire & Rescue Department  
Erik Caldwell, Deputy Chief Operating Officer, Smart and Sustainable Communities  
Johnnie Perkins, Deputy Chief Operating Officer, Infrastructure/Public Works  
Robert Vacchi, Deputy Chief Operating Officer, Neighborhood Services  
Jeff Sturak, Deputy Chief Operating Officer, Internal Operations  
Alia Khouri, Deputy Chief Operating Officer, General Services  
Lee Friedman, Infrastructure Policy Manager, Office of the Mayor  
Christina Bibler, Director, Economic Development Department  
Thyme Curtis, Executive Director, ADA Compliance & Accessibility Department  
Andy Field, Interim Director, Parks & Recreation Department  
Jonathon Glus, Executive Director, Commission for Arts and Culture  
Mike Hansen, Director, Planning Department  
Bahija Humphrey, Director, Performance and Analytics Department  
Misty Jones, Director, Library Department  
Elyse Lowe, Director, Development Services Department  
Kris McFadden, Director, Transportation & Storm Water Department  
Mario X. Sierra, Director, Environmental Services Department  
Cybele Thompson, Director, Real Estate Assets Department  
Shauna Lorange, Director, Public Utilities Department  
Brad Hawthorne, Interim Director, Internal Operations/Fleet Services  
Myrna Dayton, Assistant Director & Chief Deputy City Engineer, Public Works Department  
Tom Tomlinson, Assistant Director, Planning Department  
Greg Hopkins, Assistant Director & City Land Surveyor, Development Services Department  
Christine Jones, Chief of Civic Art Strategies, Commission for Arts and Culture  
Deputy City Engineers  
Daniel Kay, Principal Engineer, Civic San Diego



**C27 (CA)**

**GENERAL NOTES:**

1. THIS LAYOUT FOR OPEN TRENCH SIGNS ON BARRICADE ONLY APPLIES TO TRENCHES THAT ARE GREATER THAN 3 INCHES IN DEPTH.
2. TRENCHES SHALL BE IDENTIFIED BY ALTERNATING OPEN TRENCH (C27(CA)) AND NO SHOULDER (C31A(CA)) SIGNS SET IN THE TRENCH AT INTERVALS OF 200' MINIMUM AND NOT TO EXCEED 2,000 FEET.
3. REMOVE BARRICADE IF THERE IS NO BIKE LANE.
4. BIKE LANE NEXT TO OPEN TRENCH SHALL BE CLOSED.
5. ADDITIONAL APPROPRIATE SIGNAGE AND TRAFFIC CONTROL DEVICES SHALL BE SHOWN ON ALL TEMPORARY TRAFFIC CONTROL PLANS.
6. CONTINUOUS BARRICADE PREVENTING BIKERS AND PEDESTRIAN FROM ENTERING THE CONSTRUCTION ZONE FROM THE DIRECTION OF THE TRAFFIC FLOW SHALL BE INSTALLED NEAR THE TRENCH AREA.

**FIGURE A - OPEN TRENCH SIGN ON BARRICADE PLACEMENT**