



ENCROACHMENT PERMIT

Town of Corte Madera Department of Public Works
300 Tamalpais Drive, Corte Madera, CA 94925
www.townofcortemadera.org
Phone: (415) 927-5057 Email: pwcounter@cortemadera.gov

PERMIT NUMBER

APPLICATION SECTION

SITE ADDRESS:		APN:	
APPLICANT		CONTRACTOR	
Name:		Company Name:	
Street Address:		Street Address:	
City / State / Zip:		City / State / Zip:	
Phone:	Cell:	Contact Name:	
Email:		Phone:	
Property Owner: (If different)		State License #:	Classification(s):
Phone:	Cell:	Town Business License #:	
Description of Work in Town Right-of Way:			
☐ Directional drilling or trenchless ☐ Road trenching ☐ Overhead utility work ☐ Concrete work ☐ Landscape/tree work ☐ Debris box ☐ Other			
Is the work related to a development project involving the Planning or Building Department? ☐ Yes ☐ No			Plan Review #:
Start Date:	Completion Date:	Number of Working Days:	Est. Cost of Work: \$

The **Applicant**, his or her heirs and assigns, agrees to execute all work and other obligations and otherwise be governed by such stipulations as may be designated by Title 12, Streets and Sidewalks, of the Corte Madera Municipal Code. If application is approved, **Applicant** agrees that work shall be limited to that specifically mentioned above. **Applicant** shall provide liability insurance and agree to save, indemnify and keep harmless the Town of Corte Madera against all liabilities, judgments, costs and expenses which may in any way accrue against the Town in consequence of granting this permit. If said improvements ever require repair, removal and/or relocation as determined by the Town of Corte Madera, **Applicant** further agrees to perform such work at **Applicant's** expense within a reasonable time upon being notified by the Department of Public Works.

Print Name of Applicant

Applicant is: ☐ Owner ☐ Agent ☐ Contractor

Signature of Applicant

Date

For Town Use Only:

SUBMITTALS REQUIRED WITH APPLICATION

☐ Engineered Plan ☐ Construction Schedule ☐ Traffic Control Plan ☐ Road Closure Request Form

SPECIAL REQUIREMENTS

☐ Damage Deposit ☐ Cost Based Fee Agreement ☐ See Special Conditions ☐ License Agreement on Town Property ☐ Moratorium Road

PERMIT APPROVED AND ISSUED

By: _____
Public Works Representative

Date Issued: _____

Permit Expiration: _____

INSPECTION NOTES

Inspected by: _____ Date: _____

Notes/Corrections: _____

FINAL INSPECTION

By: _____
Public Works Representative

Date: _____

FEE SUMMARY

1. Debris Box (\$40, for up to 2 weeks) \$ _____
2. Staging, Traffic Control, Signage (\$150) \$ _____
3. Minor Improvement (up to \$10,000) (\$250) \$ _____
4. Major Improvement (over \$10,000) (\$500) \$ _____
5. Project Deposit*: _____ \$ _____

Total Fees/Deposits \$ _____

Date: _____ Receipt # _____ Ck/MC/V # _____

*Project deposit is used for staff time, consultants, or damages incurred. Amount listed is the initial deposit amount only; any remainder will be refunded after final inspection sign off. Staff time will be billed per Hourly Rate Schedule.

ENCROACHMENT PERMIT CONDITIONS

GENERAL PERMIT CONDITIONS

1. A copy of the executed encroachment permit and traffic control plan shall be on site at all times during the work and must be shown to any representative of DPW or any law enforcement officer upon request.
2. Work Hours: Unless superseded in writing by DPW as part of this permit, the work hours shall be limited to 8:00 a.m. to 5:00 p.m. weekdays only, excluding national holidays, with the following exceptions:
 - a. Work Hours shall be limited to 9:00 a.m. to 4:00 p.m. weekdays only, excluding national holidays on the following roads and the contractor must start cleaning up the work site no later than 3:30pm: Tamalpais Dr., Fifer Ave., Tamal Vista Blvd., San Clemente Dr., Paradise Dr., Madera Blvd., Wornum Dr., Lucky Dr. (between Fifer Ave. and Doherty Dr.), Corte Madera Ave., and Sanford St.
 - b. Work Hours shall be limited to 8:30 a.m. to 4:30 p.m. weekdays only, excluding national holidays on these roads: Redwood Hwy., Koch Rd. (between Paradise Dr. and Parkview Cl.), Meadowsweet Dr. (between Tamalpais Dr. and Conow St.), Redwood Hwy., Mohawk Ave., Pixley Ave., Hickory Ave., and Redwood Ave.
3. DPW has the authority to make changes to these hours and the traffic control plan in field and at any time, as they deem necessary.
4. You are required to notify the Department of Public Works 24 hours prior to the start of work and within one week after work is complete to schedule a final inspection.
5. All work shall be in accordance with the Town of Corte Madera Municipal Code, Marin County Uniform Construction Standards (UCS), the Standard Specifications of the Cities and County of Marin, the Caltrans Standard Plans and Specifications, and the Americans with Disabilities Act. The permittee shall stay adequately informed of all State and Federal laws and local ordinances and regulations which affect the permit.
6. The permittee shall complete the work within the time specified on the Encroachment permit. If at any time the Director finds that the delay in the completion of the work is due to lack of diligence on the part of the permittee, they may cancel the permit and restore the right-of-way or watercourse to its former condition. The permittee shall reimburse the Town for all expenses restoring the right-of-way or watercourse. (Muni Code Section 12.08.070)
7. Permittee shall employ best management practices (BMPs) as appropriate from the Marin County Stormwater Pollution Prevention Program (MCSTOPPP) Minimum Control Measures (<https://mcstoppp.org/2020/03/construction-projects/>) to control and prevent the discharge of sediment, debris, and other construction related wastes to the storm drainage system which includes site dust control. An Erosion and Sediment Control permit may be required as determined by Public Works.

TRAFFIC CONTROL, PEDESTRIAN ACCESS, AND ROAD CLOSURE PROVISIONS

8. Traffic delays shall not exceed three (3) minutes.
9. During working hours, one traffic lane under adequate flagger control, shall be maintained in all directions unless otherwise indicated in the approved traffic control plan. At all other times all traffic lanes shall be kept open. All traffic control shall be in compliance with the California Manual on Uniform Traffic Control Devices (CA-MUTCD) - latest edition. A traffic control plan will be required for all work in the roadway.
10. The contractor shall provide continuous ingress and egress to all adjacent properties.
11. Contractor shall place "NO PARKING" signs 72 hours in advance when working within a parking area.
12. No road closures are permitted without written approval by DPW. Contractor must submit a "Road Closure Request Form" to initiate the review process. Form shall be submitted at least 2 weeks in advance of any scheduled work. Permittee shall notify the police, fire, Golden Gate Transit (if affected), Mill Valley Refuse (if affected), and local school districts of the closure. A traffic control plan with detour is required. Any permit issued for road closure will be suspended during periods of extreme fire danger (red flag days), unless waived by DPW.
13. Contractor must keep an ADA accessible pathway open at all times through the worksite in accordance with the **Caltrans Temporary Access Routes Handbook**. Examples on Sheet 11 of this permit application have been included for convenience. Contractor must post "Sidewalk Closed" signs on either a class III barricade, k-rail, or other cane detectable and fall-resistant barrier.
14. No trucks over 35 feet in length are allowed west of Corte Madera Avenue (Christmas Tree Hill neighborhood).

DAMAGE, PUBLIC SAFETY, AND LIABILITY PROVISIONS

15. The permittee shall be responsible for all liability for personal injury or property damage which may arise out of work herein permitted, and shall hold the Town of Corte Madera harmless of all damages caused by this encroachment.

16. Any damage to public improvements, waterways, or adjacent private properties caused by the permittee's work shall be restored by the permittee at his/her own expense.
17. Permittee shall ensure that appropriate lights, barriers or other protective measures and devices are employed for adequately protecting the safety of those using public streets. Open trenches shall not be allowed overnight. Permittee shall provide nonskid steel plates, or other materials, to the satisfaction of DPW.
18. By the acceptance of the permit, the permittee agrees to repair damage to any portion of the street which occurs as a result of work done under the permit for a period of 1 year after completion.
19. The Permittee shall be responsible for any curb ponding or other drainage impacts to the street/right-of-way caused by the permittee's work.
20. The Town of Corte Madera and Sanitary District No. 2 are not members of Underground Service Alert (USA) and do not locate or mark 1) gravity or force main storm lines; 2) gravity sewer lines including private sewer laterals; 3) irrigation lines; or 4) traffic signal and street light conduits. The applicant to whom is issued an approved Encroachment Permit by the Town of Corte Madera is solely and duly responsible for locating these utilities ahead of time. The contractor is responsible for any damage to these underground facilities and must report it to the Public Works Department immediately.
21. Any and all methods and materials employed in permanent utility repairs will be at the sole discretion and prior approval of the Department of Public Works. Additionally, a final inspection of subject repairs must be completed by the Director of Public Works or his designated agent before continuation of the project for which the Encroachment Permit was issued unless this requirement is waived by the Director of Public Works or his designated agent.
22. Contractor or engineer may request sewer or storm drain maps from the Corte Madera Public Works ahead of work. Call (415) 927-5057 or email pwcounter@tcmmail.org for requests.
23. 72 hours before excavating, permittee must contact Underground Service Alert (USA) at 811 or (800) 642-2444 to mark underground utility locations.
24. Utility owners must state any planned utility shutdowns in the encroachment permit application. Utility must coordinate with Town to schedule major shutdowns which impact the public.

RESTORATION AND CONSTRUCTION PROVISIONS

25. Notify DPW at least 48 hours in advance of any concrete work and request DPW inspector to review concrete forms. Inspections are required prior to all concrete pours by calling Public Works at (415) 927-5057. It is the permittees responsibility to ensure Public Works inspects and approves concrete forms before pouring concrete to avoid having concrete work rejected and having to remove it.
26. Notify DPW at least 72 hours in advance of any paving and request DPW inspector to mark the paving restoration limits. Contractor must provide specific dates and times of their planned operations.
27. Unless approved, no material or equipment shall be stored within the public right-of-way.
28. The minimum cover over all pipes shall be 30 inches in the street and 18 inches behind curb or outside of street.
29. Any monument or survey reference point shall not be removed or disturbed.
30. All trench sections within the right-of-way shall comply with drawing numbers 330, 340 and 350 of the 2008 UCS.
31. All trench work and pavement repair within the Town right-of-way shall be performed by a Class "A", "C-12", or "C-34" licensed contractor. The permanent trench paving shall be completed within ten working days of backfilling.
32. Type "1" pavement restoration, per UCS #330 shall be performed. The 6" minimum T-cut shall be performed with a rotary grinder into good pavement as determined by DPW. The pavement restoration limits shall not terminate in a "wheel path" or within 4 feet of the lip of gutter, edge of pavement, or an adjacent trench patch and thus where this occurs, DPW will increase the limits of pavement restoration.
33. Certified compaction test results for the road base, at a maximum spacing of 100 feet or at least one per excavation with structural backfill shall be submitted to Public Works prior to final paving. Compaction testing is also required for asphalt pavement for restoration areas larger than 150 square feet.
34. Controlled Density Fill (CDF) is not allowed unless approved ahead of time by Public Works. Sand backfill may only be placed a maximum of 6 inches above pipeline or service laterals, unless otherwise approved in writing by DPW.
35. All pavement markings and striping shall be replaced in kind within the entire limit of the project.
36. Sidewalk underdrains and curb outlets shall consist of a minimum of two 3" diameter cast iron pipes, in accordance with UCS Dwg No. 145. A junction box with a lid for clean out shall be located on the property side of the sidewalk.
37. When concrete facilities are removed or damaged, such as but not limited to, sidewalk, curb, or gutter,

contractor shall replace the facility in its entirety to the nearest control joint, and every attempt shall be made to match the adjacent concrete in both texture and color. All replaced sidewalks shall be ADA compliant. Contractor shall remove minimum one foot of asphalt in front of the lip of gutter and use a form board, unless otherwise approved by DPW.

38. All visible concrete shall have 2lbs. of lamp black per cubic yard of concrete in mix.
39. The pavement along the entire length of the project, and all roads and streets used by the contractor for access to the site, shall be swept clean of all mud, dirt, gravel, dust and debris at the end of each work day or more frequently as otherwise necessary for safety and to maintain a neat and orderly appearance.
40. Cutting into storm drain culverts is not permitted. If a storm drain culvert is damaged for any reason, the contractor must obtain an inspection from Public Works prior to backfill. Contractor will also be required to submit CCTV of the culvert to verify its integrity prior to final inspection.
41. The Town maintains a list of moratorium roadways that were resurfaced in the last 5 years or have a PCI higher than 60. Given those roads are in very good condition, pavement restoration may include paving full width, half of the road, and/or further beyond the typical restoration identified by the UCS, at the discretion of DPW. See Pavement Restoration for Moratorium Road attachment on page 12. A map of the roadways can be accessed on MarinMap (<https://www.marinmap.org>).
42. Any work involving directional drilling, micro-tunneling, or other trenchless work methods will require the following: detailed potholing plan, pre and post CCTV inspection of storm and sewer facilities in area, project deposit, and a preconstruction meeting.

ACKNOWLEDGEMENTS

I have read and understand all permit conditions as stated above and agree that:

Initial

- 1 I have the required contractor license and Corte Madera business license;
- 2 I have the necessary insurance as required on page 5 and will submit my insurance certificate with this application;
- 3 I acknowledge that the Town does not locate or mark gravity or force main storm lines, gravity sewer lines, sewer laterals, irrigation lines, or conduits for signals or streetlights and I will be responsible for any damage I cause to these underground utilities;
- 4 I acknowledge that any road closure requires a Road Closure Request Form to be submitted two weeks before work begins and approved by Public Works;
- 5 I acknowledge that the General Permit Conditions, Section 2 defines the allowable working hours based on a *street-by-street basis*;
- 6 I acknowledge that failure to comply with these permit conditions and the Town's Municipal Code is subject to Administrative Citations (Fines), and/or revocation of this permit, amongst other penalties associated with applicable damages.

Signature: _____

Date: _____

INSURANCE REQUIREMENTS FOR ENCROACHMENT PERMITS

Contractor shall procure and maintain for the duration of the contract, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors.

Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial General Liability coverage (occurrence form CG 0001).
2. Insurance Services Office form number CA 0001 (Ed. 1/87) covering Automobile Liability, code 1 (any auto).
3. Workers' Compensation Insurance as required by the State of California and Employer's Liability Insurance.

Minimum Limits of Insurance

Contractor shall maintain limits no less than:

1. General Liability: \$1,000,000 per occurrence for bodily injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location of the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability: \$1,000,000 per accident for bodily injury and property damage.
3. Employer's Liability: \$1,000,000 per accident for bodily injury or disease.

Deductibles or Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the Entity. At the option of the Entity, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the Entity, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claims administration and defense expenses.

Other Insurance Provisions

The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The Entity, its officers, officials, employees, agents and volunteers are to be covered as insureds as respects: liability arising out of activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, occupied or used by the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the Entity, its officers, officials, employees, agents or volunteers.
2. For any claims related to this project, the Contractor's insurance coverage shall be primary insurance as respects the Entity, its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the Entity, its officers, officials, employees, agents or volunteers shall be excess of the Contractor's insurance and shall not contribute with it.
3. Any failure to comply with reporting or provisions of the policies including breaches of warranties shall not affect coverage provided to the Entity, its officers, officials, employees, agents or volunteers.
4. The Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
5. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days' prior written notice by certified mail. Return receipt requested, has been given to the Entity.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII.

Verification of Coverage

Contractor shall furnish the Entity with original endorsements effecting coverage required by this clause. The endorsements are to be signed by a person authorized by this insurer to bind coverage on its behalf. The endorsements are to be on forms provided by the Entity. All endorsements are to be received and approved by the Entity before work commences. As an alternative to the Entity's forms, the Contractor's insurer may provide complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications.

Subcontractors

Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.



ROAD CLOSURE REQUEST FORM

Town of Corte Madera – Department of Public Works
300 Tamalpais Drive, Corte Madera, CA 94925
Phone: (415) 927-5057 Email: pwcounter@tcmmail.org

ENCROACHMENT PERMIT NUMBER

SITE ADDRESS	SCOPE OF WORK
JUSTIFICATION FOR ROAD CLOSURE	
ROAD CLOSURE DATE(S)	ROAD CLOSURE TIMES (SEE NOTE 1)

APPLICANT		CONTRACTOR	
Name		Company Name	
Phone	Email	Emergency Contact Name	Emergency Phone

This form is a supplemental document to the Town issued Encroachment permit. By signing, I agree to accept and abide by the provisions of the applicable ordinances of the Town of Corte Madera and this form:

Signature of Applicant

Date

CONDITIONS OF APPROVAL

- 1.) Road closure hours are permitted on residential roads between 9:00 am and 4:00 pm, weekdays only and excluding holidays, unless otherwise noted. Road closures on arterials and collectors, if approved, are subject to stricter requirements.
- 2.) Contractor shall contact the following emergency services 72 hours (3 days) prior to street closure.
 - a. Central Marin Police Authority – (415) 927-5150
 - b. Central Marin Fire Authority – (415) 927-5077
 - c. Paramedic Services – (415) 927-5077
 - d. Mill Valley Refuse Service (If closure is on trash day) - (415) 457-9760
- 3.) Contractor shall notify Public Works at the commencement of the road closure (415) 927-5057.
- 4.) Contractor shall submit a traffic control plan with detour per CA MUTCD and detour shall be set up prior to closing the road.
- 5.) Contractor shall provide access for emergency vehicles at all times.
- 6.) Contractor shall furnish and install a minimum of two signs, one in each direction of travel at the two closest intersections, 48 hours in advance of work as follows:

**24" x 36" plywood
sign with white
background and
black lettering --->**

<u>(INSERT STREET NAME)</u> WILL BE CLOSED FOR <u>(INSERT PURPOSE)</u> ON THESE DATES: <u>(INSERT APPROVED DATES)</u> FROM 9:00 AM TO 4:00 PM <u>(INSERT CONTRACTOR'S NAME AND PHONE#)</u>	Permit No. PW...
--	---------------------------------

Approved by: _____	Date: _____
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STORM WATER POLLUTION PREVENTION

General

- Contractor will require an Erosion and Sediment Control Permit if: a Grading Permit is required, the project requires a Building Permit with potential for erosion, or if there is: hillside soil disturbance, rainy season construction, construction near a creek or ephemeral drainageway, or any other condition or construction site activity that could lead to a non-stormwater discharge to a storm drain.
- If any hazardous materials enters a storm drain, or any other illicit discharge is committed, clean it up immediately, and contact the Town of Corte Madera Public Works at 415-927-5057.
- For more information on erosion control standards please visit the MCSTOPPP website at www.mcstoppp.org.

Paving/Asphalt/Concrete Work:

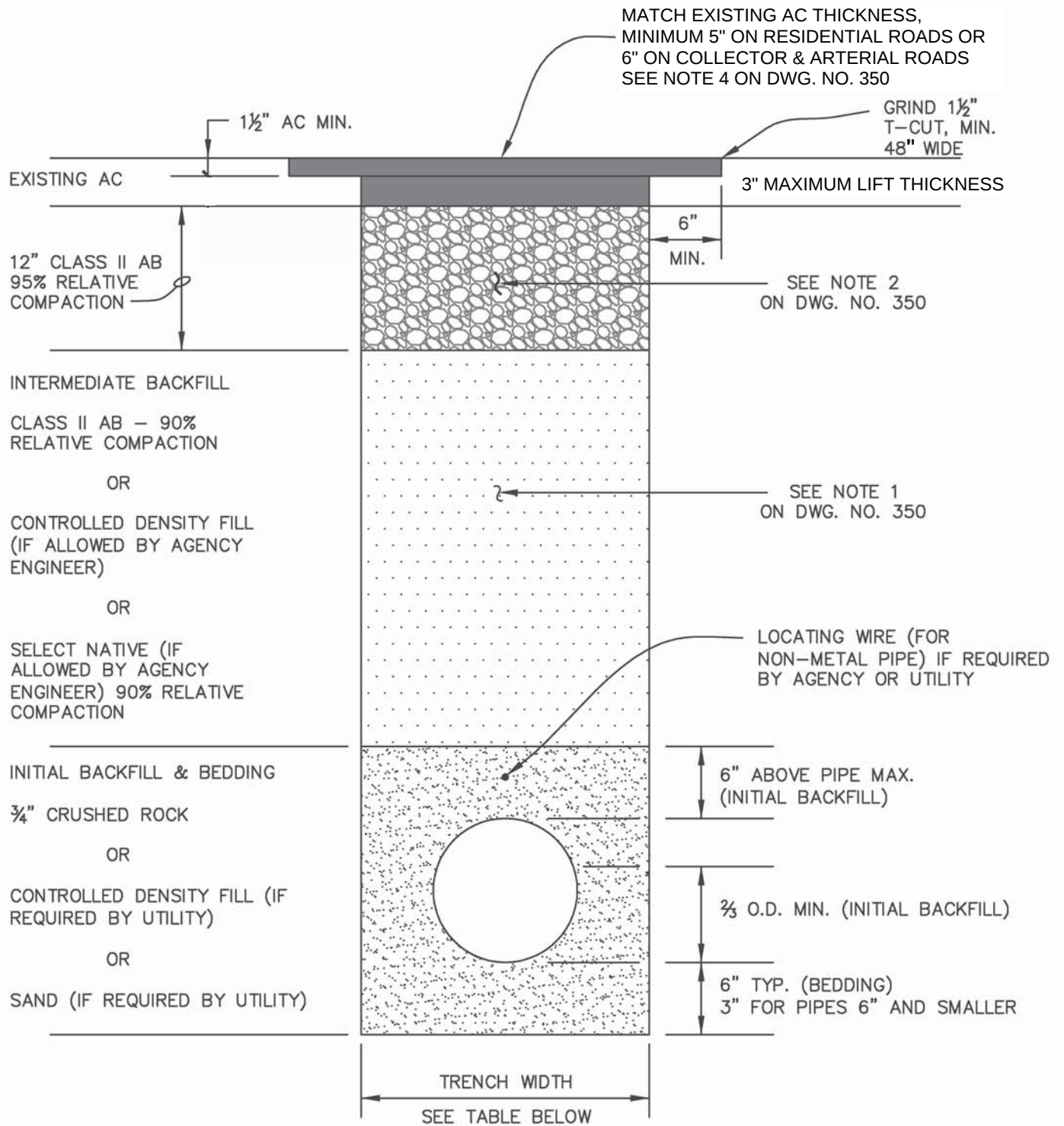
- Do not pave or pour concrete during wet weather or when rain is forecast.
- Always protect storm drain inlets when paving, road sealing, trenching, or any work in road that can create sediment.
- Do not sweep or wash down excess materials into storm drains, ditches, or creeks. Collect these materials and dispose of them in a responsible manner.
- Do not use water to wash down fresh asphalt or concrete pavement.
- Sweep streets and other paved areas daily. Never wash down streets or work areas with water that will drain to the storm system.
- Be sure to store any stockpiles of dirt, sand, asphalt, concrete, grout, or mortar under cover and away from drainage areas and cover piles when rain is forecast. These materials must never reach a storm drain, or other watercourse.

Vehicle & Equipment Maintenance:

- Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- Fuel and maintain vehicles on site only in bermed area or over a drip pan that is big enough to prevent runoff.
- Make every effort to clean vehicles or equipment off site. If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinse water to run into streets, stormdrains, ditches, or creeks. Do not clean equipment using soaps, solvents, degreasers, or steam cleaning equipment, etc.

Saw Cutting:

- Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, or gravel bags to barricade storm drain inlets.
- Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or by the end of each work day.



NOTE: IF ROADWAY HAS EXISTING AC OVER CONCRETE, TRENCH RESTORATION SHALL BE DETERMINED BY THE AGENCY ENGINEER.

TYPE 1

ASPHALT CONCRETE PAVED STREETS

CONDUIT SIZE	LESS THAN 6"	6" TO 24"	OVER 24" TO 60"	OVER 60"
TRENCH WIDTH	O.D. + 12"	O.D. + 24"	O.D. + 24"	O.D. + 24"

FOR PIPES WITH MORE THAN 36" OF COVER, THE AGENCY ENGINEER MAY ALLOW A REDUCED TRENCH WIDTH INCLUDING A CHANGE TO A SELF-COMPACTING ENGINEERED TYPE OF INITIAL BACKFILL MATERIAL.

UNIFORM STANDARDS
ALL CITIES AND
COUNTY OF MARIN

TRENCH DETAILS
SHEET 1 OF 3

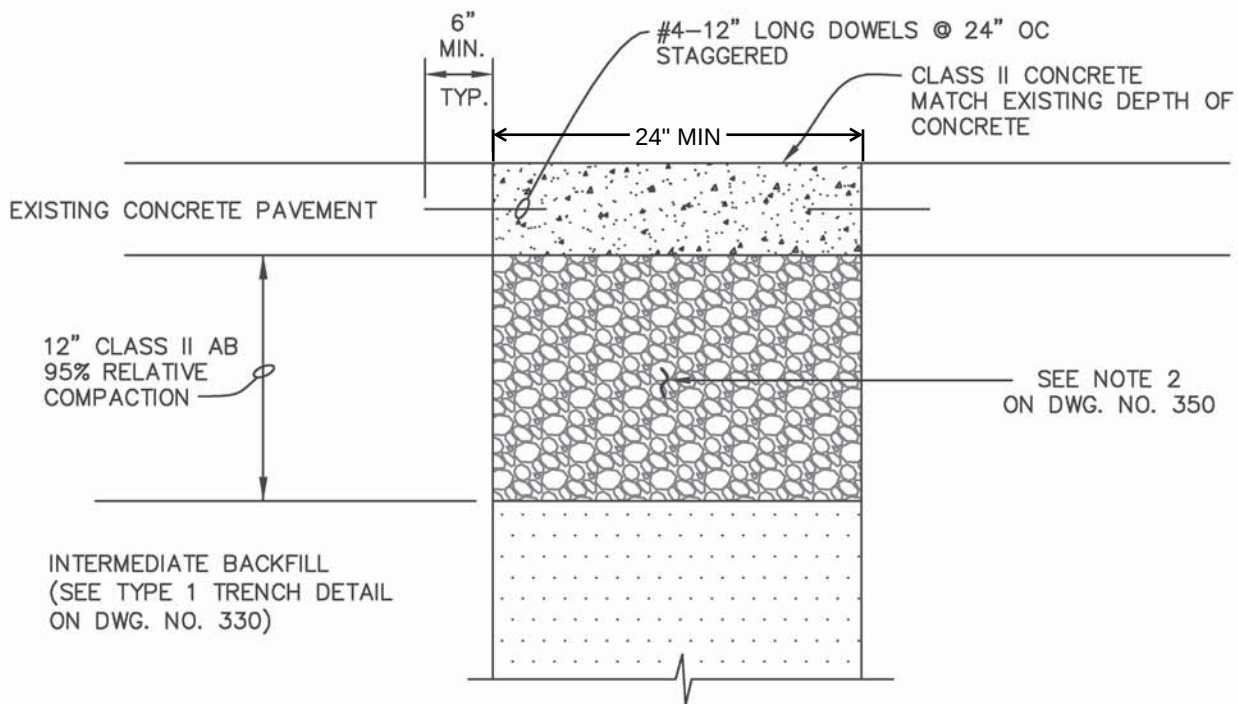
REV. DATE BY

MAY
2008

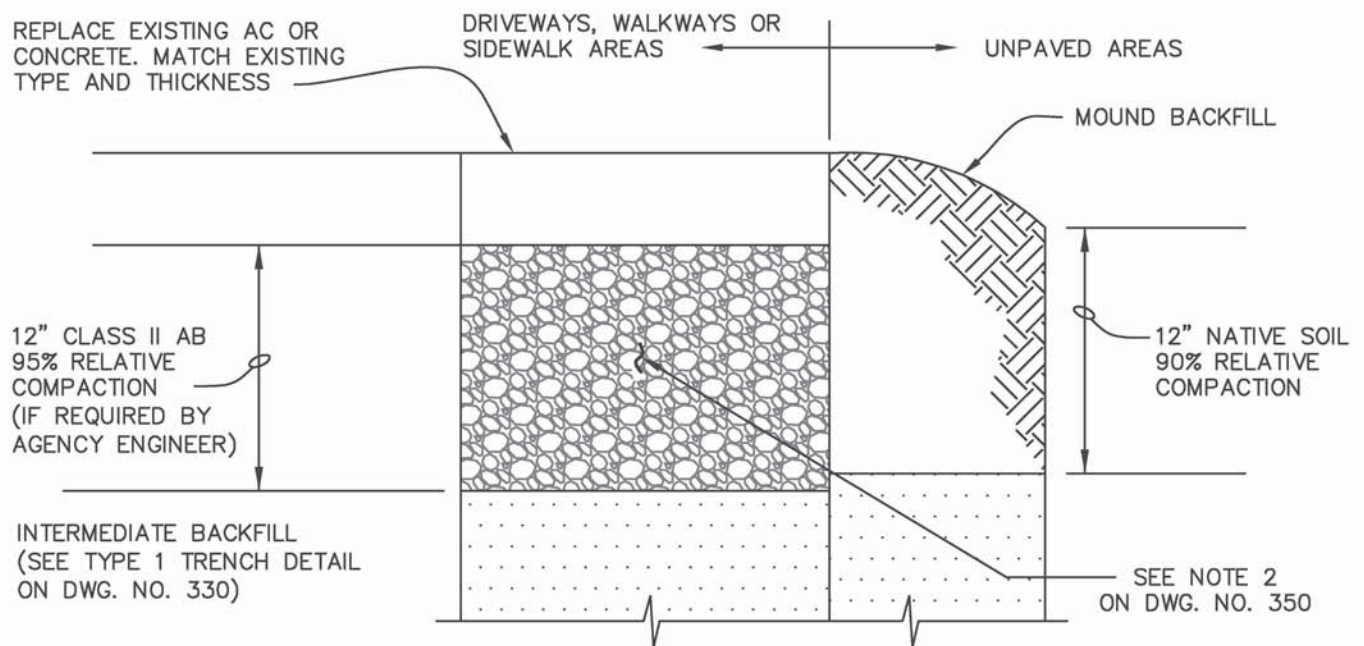
DWG. NO.

330

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TYPE 2
CONCRETE PAVED STREETS



NOTE: FOR TRENCHES IN UNPAVED SHOULDERS, TOP 12" SHALL BE CLASS II AB
95% RELATIVE COMPACTION.

TYPE 3
AREAS OTHER THAN STREETS IN
THE PUBLIC RIGHT OF WAY

UNIFORM STANDARDS
ALL CITIES AND
COUNTY OF MARIN

STANDARD
TRENCH BACKFILL
& RESURFACING
SHEET 2 OF 3

			MAY 2008
			DWG. NO.
			340
REV.	DATE	BY	

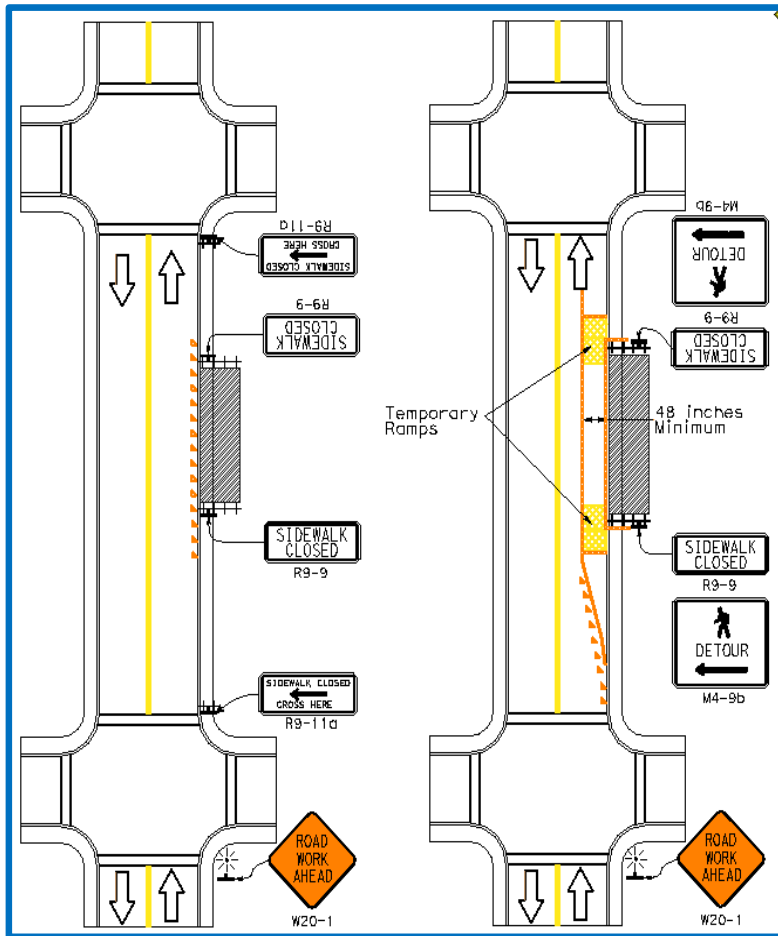
MATERIAL AND COMPACTION REQUIREMENT FOR TRENCH BACKFILL

1. INTERMEDIATE BACKFILL SHALL BE CLASS II AGGREGATE BASE. SUITABLE NATIVE OR IMPORTED GRANULAR MATERIAL MAY BE USED IF ALLOWED BY AGENCY ENGINEER. RELATIVE COMPACTION SHALL BE AT LEAST 90%.
2. CLASS II AGGREGATE BASE SHALL CONFORM TO THE STATE STANDARD SPECIFICATIONS. MINIMUM RELATIVE COMPACTION SHALL BE 95%. IF PAVEMENT HAVING A STRUCTURAL SECTION GREATER THAN 15" IS CUT, ADDITIONAL BASE MATERIAL MAY BE REQUIRED BY THE AGENCY ENGINEER. BASE SHALL BE PLACED AND COMPACTED PRIOR TO PLACING OF TEMPORARY PAVING.
3. TESTING OF MATERIALS AND PERFORMANCE SHALL BE IN CONFORMANCE WITH THE METHODS STATED IN THE LATEST EDITION OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, EXCEPT THAT RELATIVE COMPACTION MAY BE TESTED BY AASHTO METHOD T180, ASTM D-1557, OR TEST METHOD CALIF. 231 (NUCLEAR DENSITOMETER).
4. PLACE AC IN 3" MAX, LIFTS, EXCEPT FINAL LIFT SHALL BE 2 1/2" MAX. ADDITIONAL THICKNESS AND LIFTS OF ASPHALT CONCRETE MAY BE REQUIRED TO MATCH EXISTING STRUCTURAL SECTION ON MAJOR ROADS, OR PER LOCAL JURISDICTION REQUIREMENTS.
5. "JETTING" OF BACKFILL MATERIAL IS NOT PERMITTED.
6. THE USE OF PEA GRAVEL (OR SIMILAR ROUNDED AGGREGATE), IS NOT PERMITTED.
7. THE USE OF CONTROLLED DENSITY FILL (CDF) SHALL BE APPROVED BY THE AGENCY ENGINEER PRIOR TO PLACEMENT.
8. TRENCH EDGES SHALL BE TRIMMED TO A NEAT LINE AS REQUIRED BY THE AGENCY ENGINEER. TRIMMING SHALL BE BY SAWCUT OR ROTARY GRINDER.
9. THE SURFACE COURSE OF TRENCH RESTORATION SHALL EXTEND TO THE LIP OF GUTTER IF THE EDGE OF TRENCH IS WITHIN 4' OF THE LIP OF GUTTER, AND TO THE EDGE OF PAVEMENT IF THE EDGE OF TRENCH IS WITHIN 4' OF AN UNPAVED SHOULDER.
10. CONTRACTOR MUST SHORE ALL TRENCHES IN CONFORMANCE WITH OSHA AND STATE SAFETY STANDARDS.

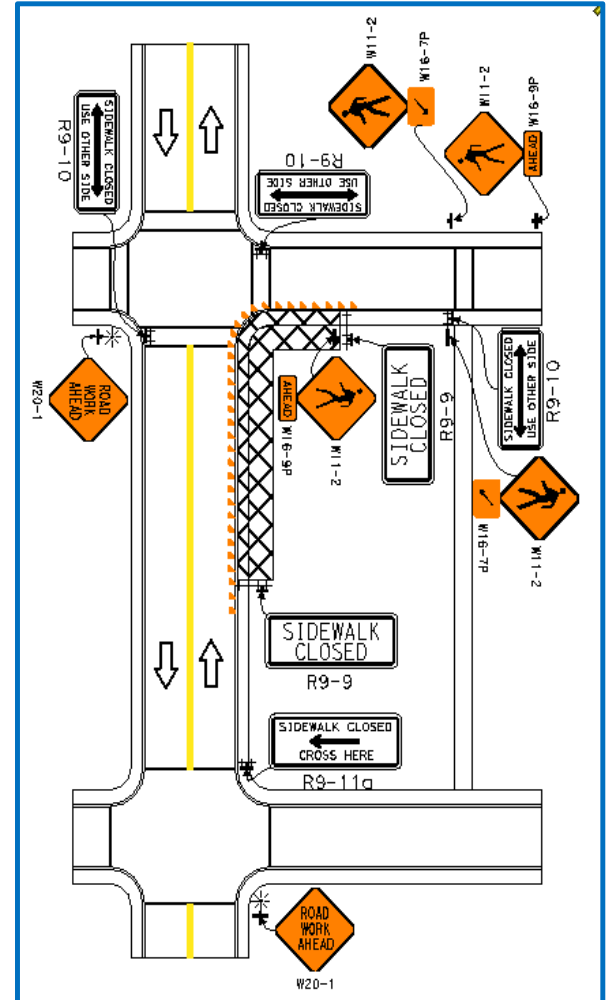
UNIFORM STANDARDS ALL CITIES AND COUNTY OF MARIN	TRENCH NOTES SHEET 3 OF 3				MAY 2008
					DWG. NO.
					350
		REV.	DATE	BY	

TEMPORARY PEDESTRIAN ACCESS

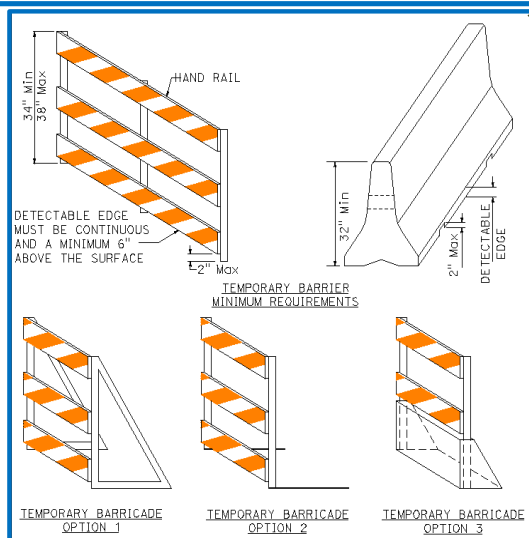
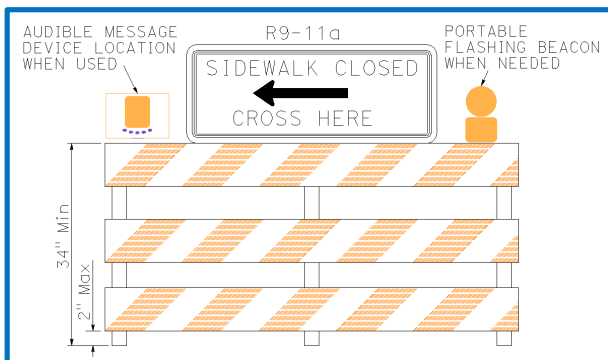
For more information, see the Caltrans Temporary Pedestrian Access Routes Handbook



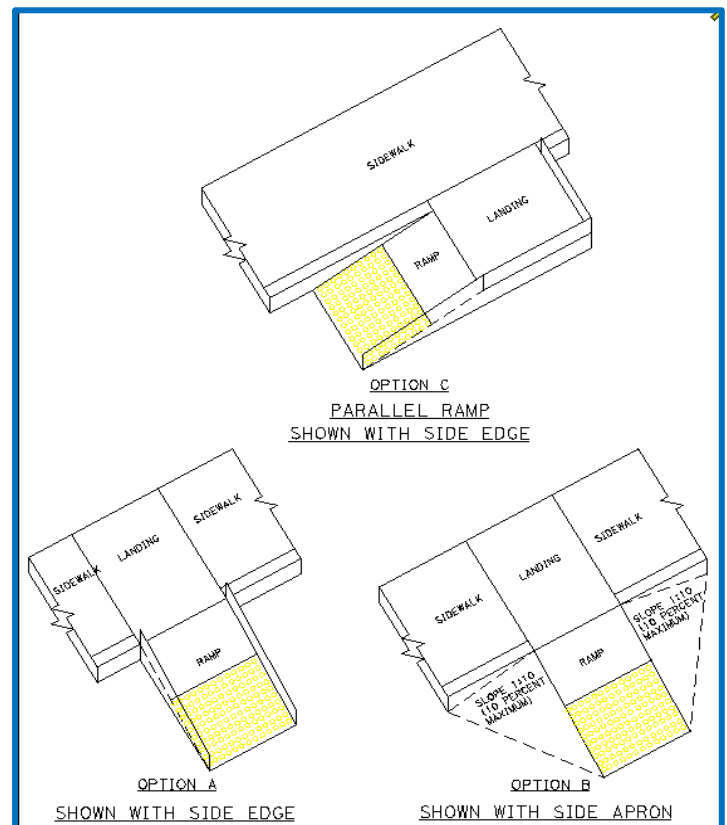
DETAIL 1: SIDEWALK CLOSURES



DETAIL 2: SIDEWALK CLOSURES

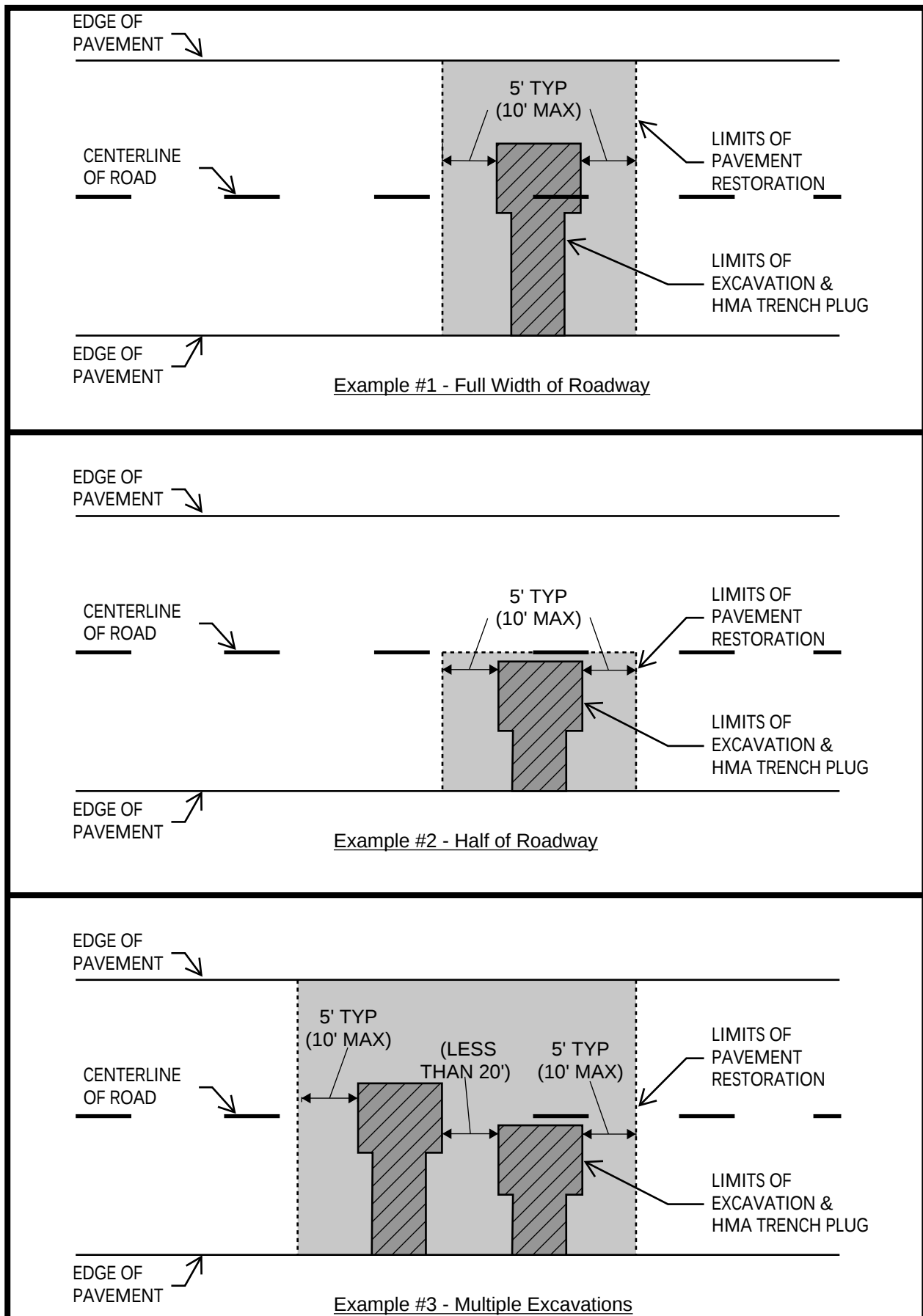


DETAIL 3: SIDEWALK BARRICADES



DETAIL 4: TEMP SIDEWALK RAMPS

PAVEMENT RESTORATION FOR MORATORIUM ROAD



Check <https://www.marinmap.org> for map viewer of moratorium roads