

## EXHIBIT "A"

1. Unless otherwise specified on the face of the permit, open trench method may be used. Where existing surfacing is to be disturbed, the pavement shall be saw cut at least six (6) inches, on each side, wider than the trench.
2. A minimum cover of 30 inches shall be maintained over all underground facilities (including service laterals) installed within the County highway (as defined in the California Streets and Highways Code). Said cover shall be measured from the ground surface at the facility or the adjacent road grade, whichever is deeper.
3. Where excavation is made within the limits of the County road traveled way, improved roadway shoulder, or driveway, the backfill material shall be structure backfill (as defined in Section 19-3.06 of the California State Standard Specifications) having a sand equivalent of not less than 20 and conform with the following gradation requirements:

Percent passing 3" sieve:	100
Percent passing #4 sieve:	35 – 100
Percent passing #30 sieve:	20 – 100

The backfill material shall be compacted in uniform layers (not to exceed eight (8) inches) to 95% relative compaction (California Test Method No. 231).
4. Unless otherwise specified on the face of the permit, in paved areas the top portion of the trench shall be backfilled with twelve (12) inches of Class 2 Aggregate Base (compacted to 95% minimum) and compacted asphalt concrete. Asphalt concrete thickness to match existing pavement (3" minimum) and shall be placed in lifts not exceeding three (3) inches in thickness. Prior to paving, vertical faces of existing pavement and/or structures shall be painted with coating of liquid emulsified asphalt for bonding and watertight joints. In unpaved traveled way, shoulder, or driveway areas, the top portion of the trench shall be backfilled with twelve (12) inches of Class 2 Aggregate Base compacted to 95% minimum.
5. The asphalt concrete shall conform to the requirements of Type B, ½" Maximum, Medium, as stated in the State of California, Department of Transportation, Standard Specifications, latest edition. When conditions are such that Type B, ½" Maximum, Medium asphalt concrete is not readily available or its use is impractical, due to inclement weather conditions or other reasons, as approved by the Department of Transportation, a TEMPORARY patch using "Cold Mix" shall be used. Said temporary patch shall be removed and replaced with Type B, ½" maximum asphalt concrete at the earliest possible date.
6. The phrase "improved roadway shoulder" as used herein, is defined as being all that area adjacent to the roadway, which is currently being used or could be used for vehicle parking and/or pedestrian traffic. As a minimum, it shall be all that area within six (6) feet of the roadway.
7. In lieu of Structure Backfill, backfill material may, when approved by the Director of Transportation or his authorized representative, consist of a two (2) sack slurry cement conforming to provisions in Section 19-3.062, "Slurry Cement Backfill" of the California Department of Transportation Standard Specifications.
8. When Slurry Cement Backfill is used:
  - a. The 12" of Class 2 Aggregate Base may be eliminated and the Asphalt Concrete placed directly onto the Slurry Cement Backfill.
  - b. The Slurry Cement Backfill shall be struck off in a uniform manner prior to placing Asphalt Concrete or allowing traffic to drive on it.
  - c. If the time frame to allow traffic to drive on the Slurry Cement Backfill is less than four (4) hours, traffic rated steel plates must be placed over the backfilled trench to allow traffic to cross over the trench.
9. Whenever traffic plates are used, they shall be steel (not plywood). Traffic plates shall be adequate to support legal highway loads and shall not be bent or warped. Traffic plates shall not be placed longitudinal to the roadway in multi-plate applications. All exposed edges of the plates shall be ramped with temporary paving (cold mix or cut back) to provide a smooth driving surface. Traffic plates shall be pinned or doweled in-place, have a non-skid treatment on the surface, and shall be welded together in multi-plate applications. Barricades with flashing lights shall be maintained on both sides of the road where traffic plates are used. Traffic plates

shall not remain in place for more than three (3) days without prior authorization from the Department of Transportation.

10. Where excavation is made beyond the limits of the County Road surfacing, improved roadway shoulder, or driveway surfacing, the backfill material may consist of locally available material (Select Backfill) and shall be compacted to a relative compaction of 90% (California Test Method No. 231).
11. Compaction shall be achieved by mechanical means. Ponding or jetting shall not be attempted within the County Highway.
12. Care shall be exercised to avoid disturbing or damaging roadway drainage facilities. Any roadway drainage disturbed shall be restored or replaced in a manner satisfactory to the Director of Transportation or his authorized representative.
13. A minimum clearance of 24 inches shall be maintained between underground facilities and existing roadway drainage culverts.
14. The maximum trench that may be opened shall be limited to that which can be completely backfilled (compacted) and shaped to accommodate traffic or provide for drainage during the same working day.
15. Until repaving is completed, smooth, dust-free riding surfaces shall be maintained over all excavations. When ordered by the Director of Transportation or his authorized representative, a satisfactory temporary patch shall be applied pending completion of repaving.
16. PERMITTEE shall provide compaction and/or other materials tests as directed by the Director of Transportation or his authorized representative, to verify compliance with the backfill requirements of this permit. Said tests shall be made under the direct supervision of a Registered Civil Engineer. As a minimum, one compaction test, consisting of at least three readings, shall be made for each 250 feet of backfilled trench. Tests shall be representative of all levels within the trench above the conduit zone. Copies of all test reports shall be furnished to the Department of Transportation in a timely manner.
17. SPECIAL CONDITIONS REGARDING CONSTRUCTION BETWEEN OCTOBER 15<sup>TH</sup> AND APRIL 15<sup>TH</sup>.  
Work may proceed between October 15<sup>th</sup> and April 15<sup>th</sup> only when weather and soil/ground conditions as determined by the Director of Transportation or his authorized representative, are such that construction can proceed without causing unacceptable damage to existing highway facilities or creating unsafe conditions or unacceptable inconvenience to the public.
  - a. The maximum trench that may be opened shall be limited to that which can be completely backfilled (compacted) and shaped to accommodate traffic or provide for drainage during the same working day.
  - b. No trench shall be excavated more than one hundred (100) feet in advance of conduit laying nor more than two hundred fifty (250) feet in advance of the backfilling operation. Completion of the trench backfill to include paving, shall not be more than five hundred (500) feet behind the excavation operation.
  - c. Unless otherwise approved by the Director of Transportation or his authorized representative, all excavation spoil shall be placed directly into trucks and disposed of outside of the public road reservation. All dust, mud, or debris shall be cleaned from roadway surfaces daily (no exceptions).
  - d. All drainage ditches and culverts shall be kept open and clear of mud and debris.
  - e. Within 24 hours of trench opening, temporary resurfacing shall be placed at all roadway and driveway crossings and at all locations where trench is in a traffic lane.
  - f. If PERMITTEE fails to comply with these provisions pertaining to work between October 15<sup>th</sup> and April 15<sup>th</sup>, the encroachment permit will be temporarily revoked and no additional work, other than maintenance, restoration, or remedial work, will be permitted during said time period.
18. Weather and ground conditions must be such that the construction can be accomplished to the requirements prescribed herein and the general provisions provided with the permit, without causing unacceptable damage to the existing highway facilities and without unsafe conditions or unacceptable inconvenience for the traveling public. PERMITTEE shall, at all times, maintain gutters and roadside drainage facilities where they exist to accept any flow from seasonal or unseasonable weather, allowing an uninterrupted flow.

19. If, in the opinion of the Director of Transportation or his authorized representative, PERMITTEE does not adequately maintain the temporary trench surfaces, County may elect to have the work done by others and recover the full costs thereof from PERMITTEE. If PERMITTEE fails to pay such costs within 10 days of being billed therefore, the permit may be revoked and no work other than the maintenance, restoration, or remedial work will be permitted until payment is received.
20. PERMITTEE'S attention is directed to the General Provisions included with the permit. All work shall be done in strict accordance with the General Provisions and the specifications prescribed therein and on the face of the permit.
21. Traffic shall be permitted to pass through the construction zone at all times with the minimum possible delay. Unless otherwise approved in writing by the Director of Transportation or his authorized representative, no traffic delay shall exceed five (5) minutes.
22. Where plans call for installation of underground facilities on both sides of the road, PERMITTEE shall only work on one side of the road at a time.
23. PUBLIC SAFETY: Whenever the PERMITTEE'S operations create a condition hazardous to traffic or the public, he shall furnish, erect, and maintain, at his expense, such fences, barricades, lights, signs, and other devices as are necessary. The PERMITTEE shall furnish, at his expense, such flag persons and guards as are necessary to prevent accidents or damage or injury to the public and shall conform to the requirements of any sign and traffic manuals (latest editions) issued by the California Department of Transportation. No material or equipment shall be stored where it will interfere with the free and safe passage of public traffic. PERMITTEE is authorized to place flag persons to stop and warn traffic for public safety. Traffic shall not however be unreasonably delayed (5 minutes maximum) except in emergencies or as may be specifically set forth on the face of the permit.
24. PERMITTEE'S ATTENTION IS DIRECTED TO CHAPTER 3.1 (COMMENCING WITH SECTION 4215) OF DIVISION 5 OF TITLE 1 OF THE GOVERNMENT CODE OF THE STATE OF CALIFORNIA, SECTION 4216.9(a) IN PARTICULAR, WHICH STATES IN PART: (a) No permit to excavate issued by any local agency, as defined in Section 4216, or any state agency, shall be valid unless the applicant has been provided an initial inquiry identification number by a regional notification center pursuant to Section 4216.2.
25. This permit is issued for only that portion of the planned work, which may lie within the County Highway or County Highway Right of Way. PERMITTEE, by exercising the rights granted herein, accepts full responsibility to determine whether or not the planned work is within said reservation or right of way.
26. County reserves the right to enter into the construction area to inspect the work in progress and to perform such tests as County deems necessary to satisfy that the work is being accomplished in full compliance with the requirements of this permit.
27. Unless otherwise specified on the face, the permit shall not become effective- and no work shall commence within the County Highway-until PERMITTEE file with the Mendocino County Department of Transportation, surety to secure satisfactory restoration of the County Highway and appurtenant facilities and satisfactory compliance with provisions of this permit. The surety shall be in the form of a Certified or Cashiers Check, Cash, or other form acceptable to the Director of Transportation and shall be in the amount set forth on the face of the permit.