

**NOTES:**

1. All street openings will require a permit prior to excavation. Contractors must be bonded with the City prior to working in the right-of-way.
2. One lane of traffic must be maintained at all times. Street closures will not be authorized unless approved by the City Engineer.
3. Proper street signage is required on all projects as per the M.U.T.C.D. Flaggers must have cards stating that they are qualified flaggers.
4. Contractor shall notify all utilities in the area by giving a minimum 48-hour notice by calling 1-800-424-5555, a one number call system, before excavation begins.
5. Contractor shall notify City Engineering Department a minimum of 24 hours before start of work.
6. Maximum trench length that may be opened at one time is 300 feet.
7. Coldmix asphalt shall be placed in all street cutts within 48 hours if hotmix asphalt cannot be obtained. Coldmix to be maintained until final patch is completed. Final patch to be completed no later than 2 weeks after street opening.
8. "Skin patches" are not authorized by the City. If street patch settles, existing asphalt shall be removed, subgrade re-compacted and new hotmix asphalt placed.
9. Surface smoothness shall conform to Standard Spec. 5-04.3(13).
10. Gravel backfill for pipe zone bedding shall be in accordance with WSDOT Standard Spec. 9-03.12(3) and shall meet the following specifications for grading:

Sieve	Percent Passing
1 1/2" square	100
1" square	75-100
5/8" square	50-100
U.S. No. 4	20-80
U.S. No. 40	3-24
U.S. No. 200	10.0 max.
Sand Equivalent	35 min.

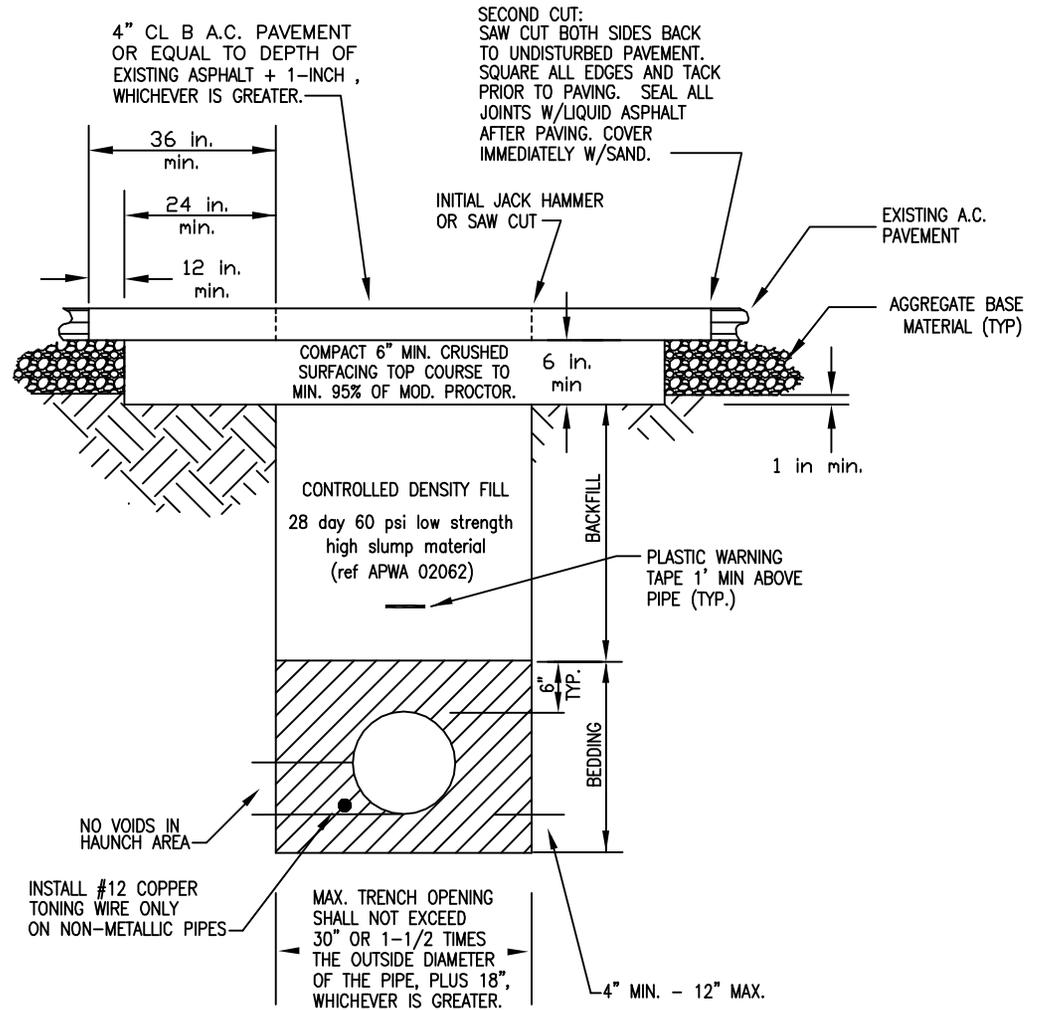
All percentages are by weight. Bedding placement shall be in accordance with WSDOT Standard Spec. 7-08.3(3).

11. Trench backfill materials shall consist of Controlled Density Fill (CDF), flowable fill, or equivalent in accordance with APWA section 02062.

12. All material excavated in a City street section shall be exported and new backfill imported in. Pea gravel shall not be used for backfill without prior approval of the City Engineer.

**NOTES (continued):**

13. CDF applies to all road crossings and all other trenches 6' deep or less. Import gravel backfill may be substituted in non-road crossing trenches if independent compaction testing is utilized and results provided to city inspector.





**City of  
Oak Harbor**  
ENGINEERING DEPARTMENT  
865 SE Barrington Drive  
Oak Harbor, WA 98277

**TYPICAL UTILITY TRENCH  
ASPHALT PAVEMENT REPAIR SECTION  
WITHIN RIGHT-OF-WAY**

ST-10 TYPICAL UTILITY TRENCH REPAIR SECTION\_5-10-18.DWG