

# OPEN CUT UTILITY TRENCH BACKFILL DETAIL (RESIDENTIAL)

**SURFACING:**

1. ALL A.C.P. SHALL BE SAW CUT TO PROVIDE A STRAIGHT, CLEAN EDGE PRIOR TO PAVING.
2. THE CUT LINE SHALL BE ONE CONTINUOUS STRAIGHT LINE FROM THE OUTER EXCAVATION LIMITS OF MANHOLE, VALVE BOX, ETC. TO MANHOLE, VALVE BOX, ETC.
3. PAVE WITH AN 0.35 FT. MINIMUM COMPACTED DEPTH HMA CLASS OR MATCH EXISTING, WHICHEVER IS GREATER.
4. LIFTS FOR HMA CLASS SHALL BE AN 0.15 FT. MINIMUM AND 0.35 FT. MAXIMUM FOR NON-SURFACE LIFTS (0.25' MAXIMUM FOR SURFACE LIFT); THE TEMPERATURE SHALL BE 250 DEGREE MINIMUM, 350 DEGREE MAXIMUM, COMPACTED TO THE SATISFACTION OF THE ENGINEER.
5. ALL JOINTS SHALL BE TACKED, SEALED AND SANDED.
6. WHEN SURFACING EXISTS ON BOTH SIDES OF THE TRENCH, NEW A.C.P. WILL BE A MINIMUM OF 40" WIDE.
7. TRENCH SHALL BE PLATED UNTIL PAVED.

**TOP COURSE:**

1. 0.20 FT. MINIMUM DEPTH (5/8" MINUS) C.S.T.C. (WSDOT APPROVED MATERIAL).
2. COMPACTED TO 95% OF MAXIMUM DENSITY. SEE TRENCH ZONE.
3. EQUIVALENT DEPTH OF A.T.B. MAY BE SUBSTITUTED.

**BASE COURSE:**

1. 0.80 FT. MINIMUM DEPTH (1-1/4" MINUS) C.S.B.C. (WSDOT APPROVED MATERIAL).
2. COMPACTED TO 95% OF MAXIMUM DENSITY. SEE TRENCH ZONE.
3. EQUIVALENT DEPTH OF A.T.B. MAY BE SUBSTITUTED.

**TRENCH ZONE:**

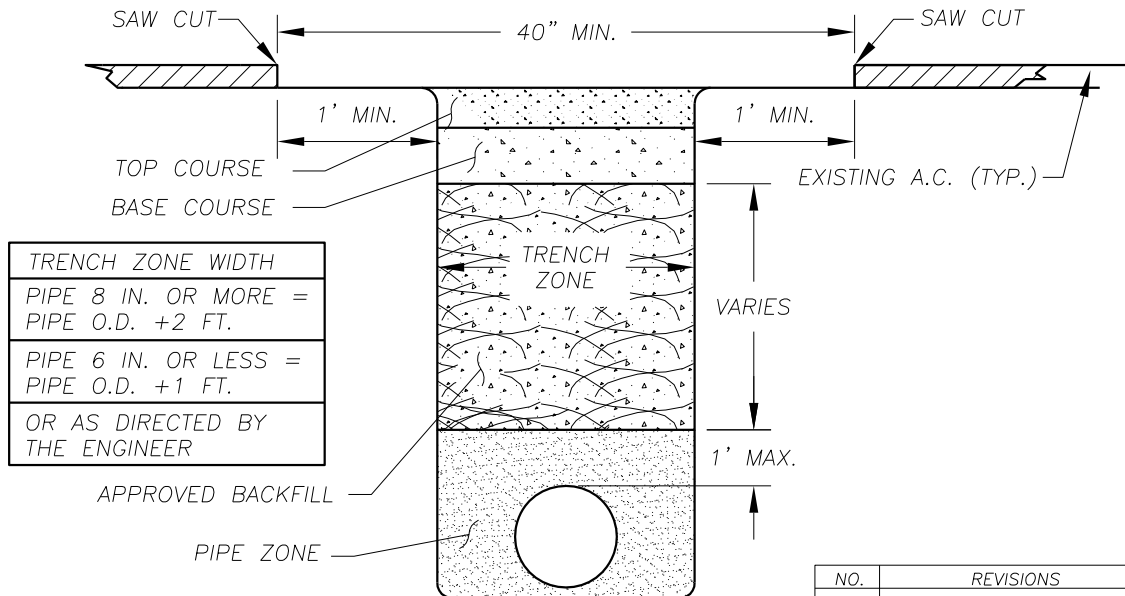
1. GRANULAR BACKFILL AS APPROVED BY LOCAL AGENCY OR WSDOT SPECIFICATIONS FOR GRANULAR BACKFILL. COMPACTED TO 95% OF MAXIMUM DENSITY IN THE TRENCH ZONE USING METHOD C COMPACTION AS PER SECTION 2-03.3 (14)C.
2. NATIVE MATERIAL MAY BE USED IF APPROVED PRIOR TO CONSTRUCTION BY CLARK COUNTY.
3. TRENCH ZONE WIDTH -- SEE BELOW.

**PIPE ZONE:**

1. PIPE ZONE MATERIAL AS SPECIFIED BY UTILITY OWNER, AND SHALL CONFORM TO SECTION 9-03.12(3) WSDOT SPECS.
2. 1.0 FT. MAX. FROM TOP OF THE PIPE.

**CONDITIONS:**

1. A COPY OF THE PERMIT AND REQUIREMENTS SHALL BE ON THE JOB SITE AT ALL TIMES.
2. THE PERMIT HOLDER SHALL BE RESPONSIBLE FOR ALL RESTORATION AND MAINTENANCE OF DITCHES, SHOULDERS, DRIVEWAYS, LANDSCAPING, ECT.
3. ALL PAVEMENT CUTS, AT A MIN. BE TEMP PATCHED @ THE END OF EACH DAY W/PERM PATCH TO BE DONE ON THE 1ST SUITABLE DAY.
4. WORK SHALL BE DONE IN A TIMELY MANNER TO MINIMIZE THE IMPACT TO THE PUBLIC.
5. CALL CLARK COUNTY AT 397-2446 TWENTY-FOUR HOURS PRIOR TO COMMENCING WORK.



NO.	REVISIONS	DATE	BY

DWG: U3.DWG



**Department of Public Works**  
**CLARK COUNTY**  
 WASHINGTON  
 proud past, promising future

**OPEN CUT UTILITY TRENCH BACKFILL  
 RESIDENTIAL ROADWAY**  
 APPROVED  
*Peter Capen*  
 COUNTY ENGINEER  
 5/23/08  
 DATE

STANDARD  
**U3**  
 DETAIL  
 DESIGNED  
 DRAWN  
 DATE 05/23/08