



**NOTES:**

1. BEDDING SHALL BE #8 TO #57 LIMESTONE OR GRAVEL PER DETAIL.
2. INITIAL BACKFILL SHALL BE #8 TO #57 LIMESTONE OR GRAVEL 6 IN. TO 12 IN. ABOVE TOP OF PIPE. STONE IS TO BE RAKED TO AN EVEN LAYER.
3. WITHIN 5' OF PAVEMENT EDGE OR WITHIN THE 1:1 INFLUENCE LINE OF SIDEWALK OR OTHER HARD SURFACE, FINAL BACKFILL SHALL BE 304 CRUSHED LIMESTONE OR GRAVEL. RECYCLED 304 IS NOT ALLOWED. DOCUMENTATION SHALL BE PROVIDED TO THE CITY THAT FINAL BACKFILL MEETS THE REQUIRED SPECIFICATIONS.
4. BEYOND 5' OF PAVEMENT EDGE OR OUTSIDE THE 1:1 INFLUENCE LINE OF SIDEWALK OR OTHER HARD SURFACE, FINAL BACKFILL SHALL BE COMPACTED SUITABLE BACKFILL AS APPROVED BY THE CITY ENGINEER. CLEAN EXCAVATED MATERIAL CAN TYPICALLY BE USED. NO ORGANIC MATERIALS, MUD, LARGE ROCKS, DEBRIS, ETC. IS PERMITTED. IF EXCAVATED MATERIAL IS NOT ACCEPTABLE, THE CONTRACTOR SHALL PROVIDE APPROPRIATE BACKFILL AT NO ADDITIONAL COST TO THE CITY.
5. CONCRETE SHALL BE ODOT QC-MS UNLESS OTHERWISE APPROVED AND ITS THICKNESS SHALL MATCH EX. BASE WITH A MIN. OF 7 INCHES FOR RESIDENTIAL ROADS AND 9 INCHES FOR COLLECTOR, COMMERCIAL, AND ARTERIAL ROADS AND DOWELED INTO EXISTING CONCRETE PER ODOT BP-2.5.
6. ALL JOINTS SHALL BE FILLED WITH HOT APPLIED JOINT SEALER IN ACCORDANCE WITH ODOT ITEM 409.02.
7. STEEL PLATES MUST BE ON-SITE AT ALL TIMES AND SHALL BE ADEQUATE SIZE AND THICKNESS TO SPAN THE OPEN TRENCH BY AT LEAST 2' ON ALL SIDES. IF PLATES ARE TO BE LEFT OVER NIGHT, ALL EDGES SHALL BE TEMPORARILY RAMPED WITH BITUMINOUS ASPHALT MATERIAL. IN WINTER MONTHS, THE USE OF STEEL PLATES MUST BE APPROVED BY THE CITY ENGINEER.
8. NO OPEN CUTS OF PAVEMENT SHALL BE ALLOWED WITHOUT THE APPROVAL OF THE CITY ENGINEER AND SAFETY DIRECTOR.