



NOTES:

1. BEDDING SHALL BE #8 OR #9 CRUSHED GRAVEL PER DETAIL.
2. INITIAL BACKFILL SHALL BE #8 OR #9 CRUSHED GRAVEL 6" TO 12" 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. CLEAN RECYCLED PORTLAND CEMENT IS ALLOWED PROVIDED IT MEETS THE 304 SPECIFICATIONS. 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. ~~POLYWRAP SHALL BE INSTALLED PER ANSI/AWWA C105/A21.5 METHOD A. SECTIONS SHALL OVERLAP BY AT LEAST 1', ALL JOINTS SHALL BE SECURELY SEALED/TAPED AND ANY TEARING OF THE POLYWRAP SHALL BE REPAIRED.~~
6. TRACER TAPE MARKED "WATER" SHALL BE INSTALLED ON TOP OF THE INITIAL BACKFILL AND SHALL BE PARALLEL WITH THE WATERLINE.
7. ASPHALT BASE SHALL BE ODOT 301 AND ITS THICKNESS SHALL MATCH EX. BASE WITH A MIN. OF 6 INCHES FOR RESIDENTIAL ROADS AND 8 INCHES FOR COLLECTOR, COMMERCIAL AND ARTERIAL ROADS.
8. CONC. BASE 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 PER ODOT BP-2.5.
9. ASPHALT SURFACE COURSE SHALL BE ODOT ITEM 448 PG 64-22 AND ITS THICKNESS SHALL MATCH EX. ASPHALT SURFACE COURSE WITH A MIN. OF 1.5 INCHES. IF ASPHALT IS NOT IMMEDIATELY AVAILABLE, A TEMPORARY CONCRETE CAP SHALL BE CREATED BY PLACING A LAYER OF VISQUEEN AT THE TOP OF THE CONCRETE BASE AND POURING FULL DEPTH CONCRETE. WHEN ASPHALT IS AVAILABLE THE TEMPORARY CAP CAN BE REMOVED AND ASPHALT PLACED.
10. IF PAVEMENT IS FULL DEPTH CONCRETE, THICKNESS SHALL MATCH EXISTING WITH A MIN. OF 7 INCHES FOR RESIDENTIAL ROADS AND 9 INCHES FOR COLLECTOR, COMMERCIAL, AND ARTERIAL ROADS AND DOWELED PER ODOT BP-2.5.
11. ALL JOINTS SHALL BE FILLED WITH HOT APPLIED JOINT SEALER IN ACCORDANCE WITH ODOT ITEM 409.02.
12. STEEL PLATES MUST BE ON-SITE AT ALL TIMES AND SHALL BE ADEQUATE SIZE AND THICKNESS TO SPAN AN 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.
13. NO OPEN CUTS OF PAVEMENT SHALL BE ALLOWED WITHOUT THE APPROVAL OF THE CITY ENGINEER AND SAFETY DIRECTOR. ONE LANE OF TRAFFIC SHALL REMAIN OPEN AT ALL TIMES.