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REVISIONS:

WATERLINE BEDDING MATERIAL SHALL BE EITHER ODOT #8 OR ODOT 703.11 TYPE 2 SAND. ALL OTHER PIPE SHALL BE BEDDED IN ODOT #57 CRUSHED LIMESTONE.

- EXCAVATED MATERIAL USED FOR BACKFILL SHALL BE THE SPUILS FROM THE TRENCH EXCAVATION. MATERIAL SHALL BE UNFROZEN AND FREE OF ROOTS, TRASH, DEBRIS, AND DELETERIOUS MATERIAL. IT SHALL NOT CONTAIN ANY ROCKS, MINERAL DEPOSITS, OR MANMADE COMPOUNDS THAT ARE LARGER THAN 2.5 INCHES IN ANY
- 3. SPECIAL BACKFILL SHALL BE ODOT ITEM 304 GRANULAR BACKFILL COMPACTED IN LIFTS NOT TO EXCEED 6 INCHES.

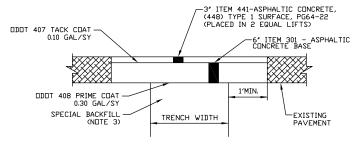
WINTER CONSTRUCTION:

NOTES:

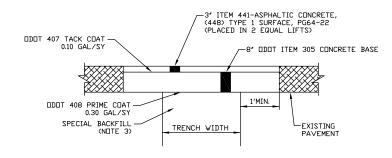
WHEN 301 AND/OR 448 MATERIAL IN NOT AVAILABLE, PLACE COMPACTED BACKFILL TO WITHIN 4 INCHES OF ORIGINAL SURFACE. INSTALL LAYER OF VISQUEEN (MIN. 10 MIL) AND FILL TO EXISTING SURFACE WITH ODOT 499 CLASS QC-1 CONCRETE. ONCE ASPHALTIC MATERIAL IS AVAILABLE, THE CONCRETE AND BACKFILL MATERIAL SHALL BE REMOVED TO ALLOW THE PLACEMENT OF THE STANDARD PERMANENT PAVEMENT REPLACEMENT ACCORDING TO THIS DETAIL.

PAVEMENT SHALL BE SAWCUT FOR TRENCH CONSTRUCTION SEE PAVEMENT REPLACEMENT DETAILS BELOW AND AGAIN PRIOR TO PATCHING. ALL ASPHALT EDGES SHALL BE SEALED WITH HOT ASPHALT SEALER. SEE PAVEMENT REPLACEMENT DETAILS BELOW APPROVED EXCAVATED MATERIAL (NDTE 2) IN AREAS NOT UNDER A HARD SURFACE AND DUTSIDE THE INFLUENCE LINE UNLESS OTHERWISE DIRECTED WITH MIN. SPECIAL BACKFILL (NOTE 3) 4"-653 TOPSOIL PLACED PRIOR (UNDER HARD SURFACES OR TO 659 SEEDING AND MULCHING WITHIN THE INFLUENCE LINE> PIPE BEDDING (NOTE 1) TO BE COMPACTED IN LIFTS TO 12-INCHES 124 ABOVE THE TOP OF THE PIPE. 6" IN EARTH 8" IN ROCK UNDISTURBED EARTH TRENCH WIDTH 'DD' DF PIPE + 24 INCHES

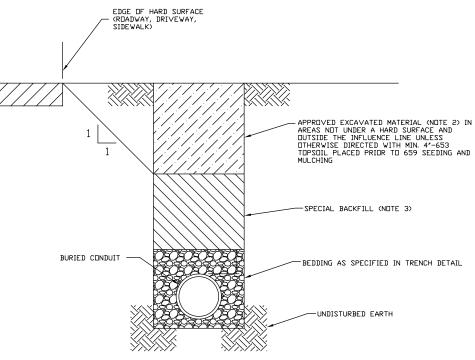
STANDARD PIPE TRENCH DETAIL



FLEXIBLE PAVEMENT REPLACEMENT (TRENCH WORK ONLY)



RIGID PAVEMENT REPLACEMENT-CONCRETE BASE (TRENCH WORK ONLY)



TYPICAL GRANULAR BACKFILL LIMIT (INFLUENCE LINE)