NOTE:
1. FOR MORE INFORMATION ON WATER AND SEWER LINE CROSSING SEE CITY STANDARD SPECIFICATION FOR WATER AND SEWER LINE CONSTRUCTION
2. STEEL CASING SHALL BE AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS.
3. DRY BOARING PREFERRED, WET BOARING ALLOWED ONLY WHEN APPROVED BY THE CITY ENGINEER.
4. PIPE CROSSING A ROADWAY SHALL BE INSTALLED ABOVE THE MAIN IT TIES INTO WITH A BEND SUCH THAT THE CARRIER PIPE CAN BE PULLED ABOVE THE PARALLEL MAIN.

TYPICAL URBAN CITY STREET CROSSING

W4-00

SELECT MATERIAL

MATERIAL SELECTED FROM THE SITE WHICH IS FREE OF HAZARDS, SUCH AS EXCESS CONCRETE, FOCUSING ON TWO TO THREE TIMES THE AMOUNT OF MATERIAL USED IN OPTIMUM TO MAXIMUM TO 14% OF OPTIMUM UNDER NON-STRUCTURAL AREAS (EURS, YARDS, PAVEMENT, EASEMENTS) AND TO A MAXIMUM OF 1% OF OPTIMUM UNDER STRUCTURAL AREAS (WATER LINES)

GRANULAR MATERIAL

MATERIAL SHALL BE DRY RUN SUGAR SAND WHICH IS FREE OF EXCESS CONCRETE, FOCUSING ON TWO TIMES THE AMOUNT OF MATERIAL USED IN OPTIMUM TO MAXIMUM TO 14% OF OPTIMUM UNDER NON-STRUCTURAL AREAS (EURS, YARDS, PAVEMENT, EASEMENTS) AND TO A MAXIMUM OF 1% OF OPTIMUM UNDER STRUCTURAL AREAS (WATER LINES)

CEMENT STABILIZED SAND

MATERIAL SHALL BE FREE OF FOSSILS AND WHEN WET SHALL NOT ADHERE TO FORM A BALL WHEN PRESSED IN THE HAND.

NON-STRUCTURAL AREAS

ORIGINAL GROUND OR BOTTOM OF SUB-GRADE

8'-12" MAX

SELECT MATERIAL (MANUALLY CONSOLIDATE AT optimum MOISTURE)

UNDISTURBED SOIL

PLACE METAL DETECTOR "TAKE AT A MINIMUM OF 24" ABOVE TOP OF PIPE

8'-12" MAX

SELECT MATERIAL (MANUALLY CONSOLIDATE AT optimum MOISTURE)

UNDISTURBED SOIL

AREAS TO BE PAVED OR STREETS TO BE RECONSTRUCTED

GENERAL NOTES:

ALL AREAS WHERE EXISTING VEGETATION AND GRASS COVER HAVE BEEN DUG OUT BY CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AS SOON AS POSSIBLE.

APPROVED EROSION CONTROL MEASURES MUST BE INSTALLED DURING THE ENTIRE TIME THAT DUG PITS ARE DUG TO ACCEPTABLE STANDARDS OF EROSION CONTROL.

ESTABLISHMENT OF VEGETATION MAY BE A WARRANTY ITEM.