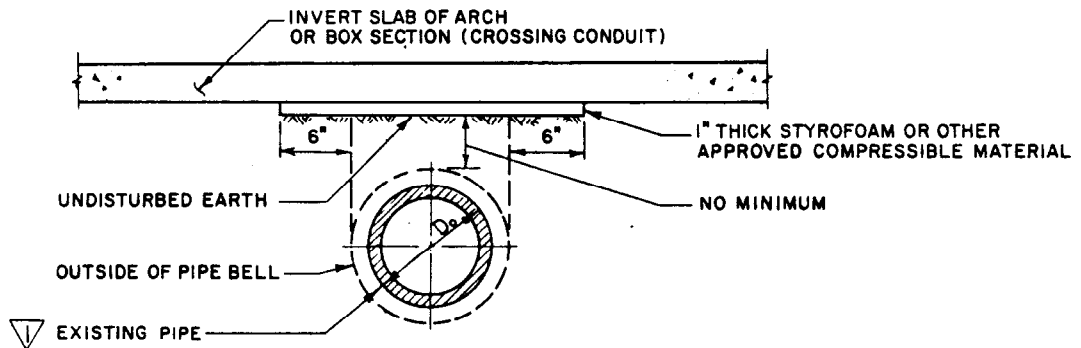


## CONCRETE BLANKET

(FOR EXISTING PIPES CROSSED OVER BY A NEW PIPE)

**NOTES FOR CONCRETE BLANKET:**

1. CONCRETE BLANKET IS REQUIRED WHEN THE CLEARANCE BETWEEN THE TOP OF THE EXISTING PIPE AND THE BOTTOM OF THE CROSSING PIPE IS LESS THAN 18 INCHES.
2. "Y" =  $D_e/6$ , 4 INCHES MINIMUM (WHERE THE CLEARANCE BETWEEN THE TOP OF THE EXISTING PIPE AND THE BOTTOM OF THE CROSSING PIPE IS LESS THAN "Y", THE CONCRETE SHALL BE PLACED BETWEEN THE PIPES AND AROUND THE SIDES OF THE CROSSING PIPE UP TO A LEVEL EQUAL TO "Y" ABOVE THE EXISTING PIPE, OR AS REQUIRED BY NOTE 3 BELOW, WHICH EVER IS HIGHER.)
3. "X" =  $D_i/8$  MINIMUM, TO PROVIDE BEDDING MATERIAL FOR THE CROSSING CONDUIT. WHEN "X" IS LESS THAN THIS MINIMUM, THE ENTIRE TOP SURFACE OF THE BLANKET SHALL EXTEND TO A LEVEL OF  $0.15D_i$  ABOVE THE BOTTOM OF THE CROSSING PIPE.
4. THE BLANKET SHALL EXTEND LONGITUDINALLY BEYOND THE TRENCH EXCAVATION TO ONE FOOT BEFORE THE FIRST PIPE JOINTS, EXCEPT THAT THE BLANKET NEED NOT EXTEND MORE THAN 4 FEET BEYOND EACH SIDE OF THE TRENCH.



## COMPRESSIBLE BLANKET

(FOR EXISTING PIPES CROSSED OVER BY A NEW BOX OR ARCH)

**NOTES FOR COMPRESSIBLE BLANKET:**

1. COMPRESSIBLE BLANKET IS REQUIRED WHEN THE CLEARANCE BETWEEN THE TOP OF THE EXISTING PIPE AND THE BOTTOM OF THE CROSSING CONDUIT (BOX OR ARCH) IS LESS THAN 18 INCHES.
2. THE BLANKET SHALL EXTEND LONGITUDINALLY FOR THE FULL CROSSING CONDUIT TRENCH WIDTH.

BUREAU OF ENGINEERING

DEPARTMENT OF PUBLIC WORKS

CITY LOS ANGELES

# BLANKET PROTECTION FOR PIPES

STANDARD PLAN  
S-255-1

SUBMITTED <i>11/6</i> 1987		
<i>[Signature]</i> ENGINEER OF DESIGN		
<i>[Signature]</i> DEPUTY ENGINEER		
APPROVED <i>NOV 6</i> 1987		
<i>[Signature]</i> CITY ENGINEER		
DESIGNED BY	DRAWN BY	CHECKED BY
LIE	RGM	LJM



REVISIONS		SUPERSEDES	REFERENCES
NO.	DESCRIPTION		
1	REVISED NOTES 2, 3 AND 4. CHANGED "EXISTING CONDUIT" TO "EXISTING PIPE".	B-3980	

VAULT INDEX NUMBER B-4095  
SHEET 1 OF 1 SHEETS