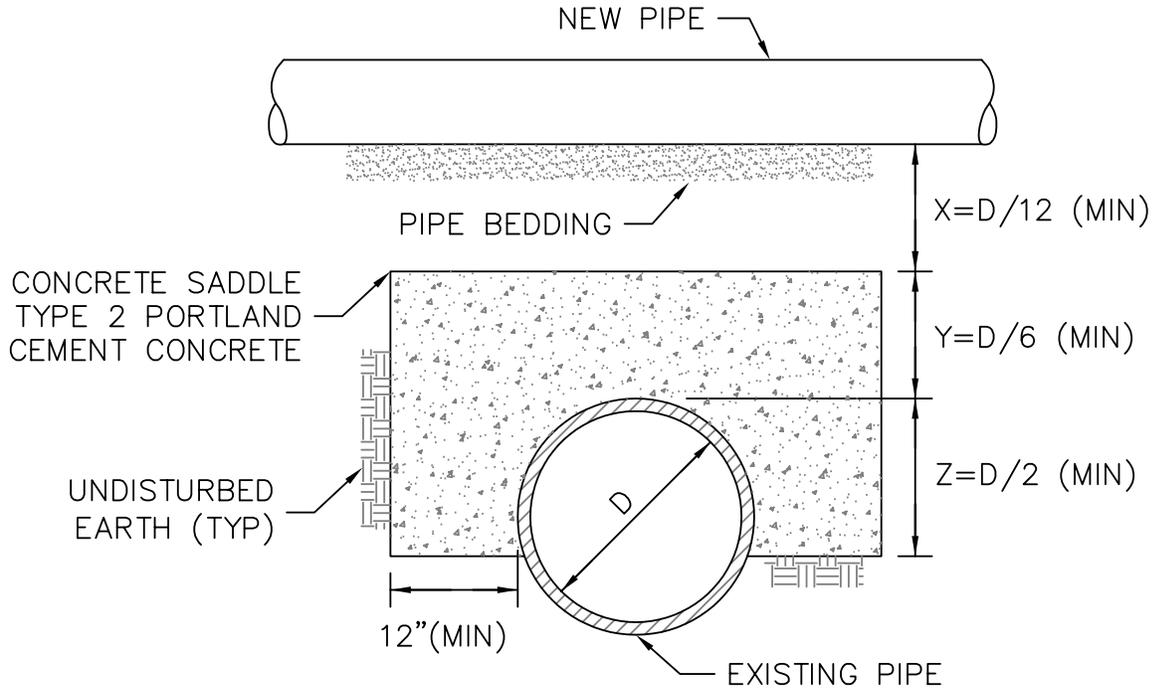


CONCRETE PIPE SADDLE

(FOR EXISTING PIPES CROSSED OVER BY A NEW PIPE WHERE
EXISTING PIPE DIAMETERS ARE GREATER THAN 42")



NOTES:

1. A CONCRETE SADDLE IS REQUIRED WHERE THE CLEARANCE BETWEEN THE TOP OF THE EXISTING PIPE AND THE BOTTOM OF THE NEW CROSSING PIPE IS LESS THAN 18 IN.
2. WHERE THE CLEARANCE BETWEEN THE TOP OF THE EXISTING PIPE AND THE BOTTOM OF THE CROSSING PIPE IS LESS THAN "Y" CONCRETE SHALL BE PLACED BETWEEN THE PIPES AND AROUND THE SIDES OF THE CROSSING PIPE TO A LEVEL EQUAL TO THE SPRINGLINE OF THE CROSSING PIPE, OR AS REQUIRED BY NOTE 3, WHICHEVER IS HIGHER.
3. WHERE "X" IS LESS THAN D/12, THE TOP SURFACE OF THE SADDLE SHALL BE RAISED TO THE SPRINGLINE OF THE CROSSING PIPE.
4. THE SADDLE SHALL EXTEND LONGITUDINALLY TO THE FIRST JOINT OF THE EXISTING PIPE BEYOND THE TRENCH EXCAVATION AT EACH END OF THE SADDLE, EXCEPT THAT THE SADDLE NEED NOT BE EXTENDED MORE THAN 4 FT. BEYOND EACH SIDE OF THE TRENCH.
5. THE NEW PIPE SHALL BE PROPERLY BEDDED PER THE MANUFACTURER'S RECOMMENDATIONS.

No	By	Revision	CITY OF SAN PABLO		
			ONE ALVARADO SQUARE, SAN PABLO, CA 94806		
			(510) 215-3030 FAX 215-3031		
Checked By: _____			CONCRETE SADDLE		STD DET SD-08
Approved By: _____			FOR EXISTING PIPE DIAMETERS 42 INCHES AND GREATER		
PUBLIC WORKS DIVISION MANAGER _____ DATE _____			NO SCALE		SHEET 1 OF 1