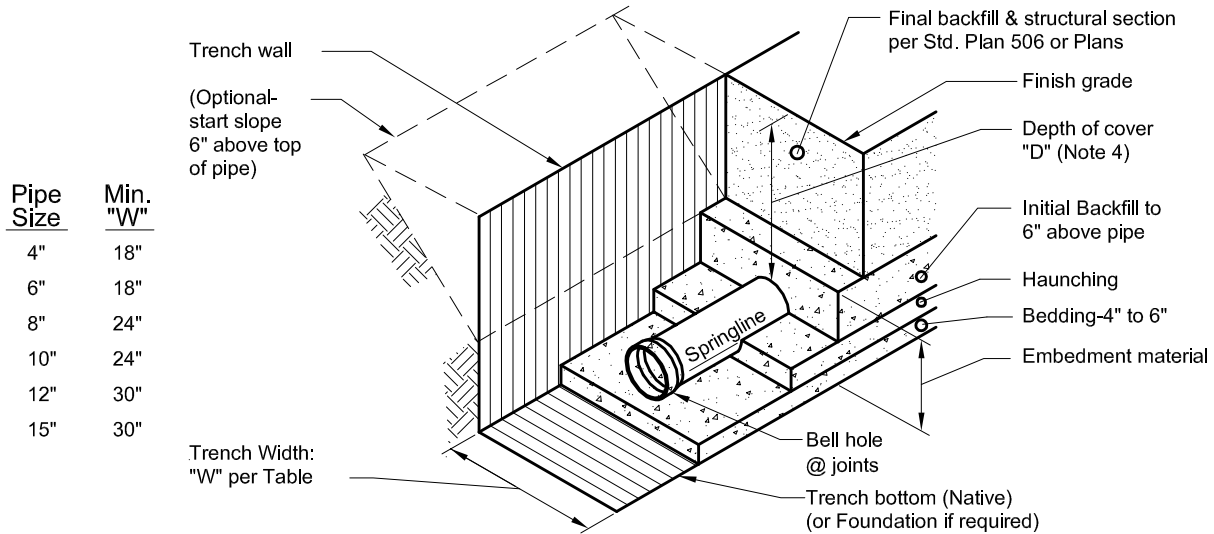




CITY OF LODI

PUBLIC WORKS DEPARTMENT

Pipe Bedding & Backfill- Flexible Pipe Trench Section



Pipe Size	Min. "W"
4"	18"
6"	18"
8"	24"
10"	24"
12"	30"
15"	30"

Notes:

1. This Std is for PVC SDR 35 (4" thru 15" dia), C900, & ductile iron pipe (up thru 14" dia) conforming to City Design Standards and Construction Specifications.
2. Class 1 embedment material shall be used unless specified otherwise on the plans.
3. This Std applicable only for stable trench walls where no standing water or groundwater is anticipated. Special details required for unstable soil identified in soils report. For minor occurrences of instability (sand pockets, etc), voids in the embedment zone shall be filled with the specified embedment material to at least two pipe diameters all around the pipe.
4. Minimum depth of cover for mains is 3 ft to finish grade; service laterals per plans.
5. For Water Pipes use native material for backfill.

EMBEDMENT MATERIAL

	CLASS I	CLASS II	CLASS III	CLASS IV	CLASS V
Description	Class II AB or Clean Sand	Coarse Sand & Gravel	Fine Sand Mixtures	Silt, Silty Clays	Organic Soils
USC Soil Type		GW, GP, SW, SP	GM, GC, SM, SC	MH, ML, CH, CL	OL, OH, PT
Foundation	If required, per special design to be shown on plans				
Bedding	Consolidate with vibrator or flat shovel "slicing" (See Note 5)	Compact to 85% Min. R.C.	Compact to 90% Min. R.C.	Special Design	Not Permitted
Haunching		Cut-off dam (per Note 5)	Compact to 90% Min. R.C. in <u>two lifts</u>		
Initial Backfill	Class II AB	Compact to 85% Min. R.C. in <u>two lifts</u>	Compact to 90% Min. R.C. in <u>two lifts</u>		
Maximum Depth of Cover "D" (without special design)	20 ft	20 ft	20 ft		

Dr. JP	No.	Date	Revision	Appr.	Approved By: <i>Charles Swimley</i> City Engineer / Deputy Public Works Director RCE NO. 52842	8/19/13	STD PLAN 501A
Ch. LC	1	9/03	ADDED C900 PIPE				
Date 8/13	2	8/13	REMOVE CRUSHED ROCK MATERIAL				