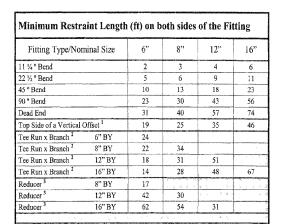
COUNTY TOTAL SHEET NO. F.A.U. SECTION 1503 08-00260-01-PV KANE 176 113 TO STA. STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



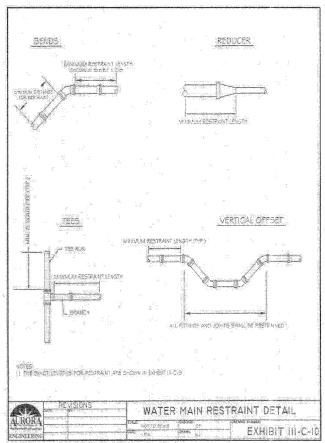
All joints within the lowered section of the watermain shall be restrained or shall be solid pipe. The above distances reflect the required restraint distance on the normally elevated watermain either side of the 45° Fitting of the vertical offset (or

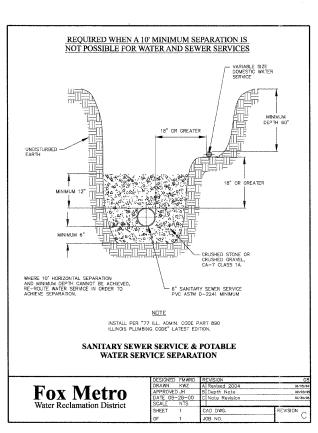
<sup>2</sup> Minimum of 8 ft of solid pipe is required on both sides of the fitting on the run side. Distance indicates the length of restraint on the branch side or the side perpendicular to the tee run watermain.

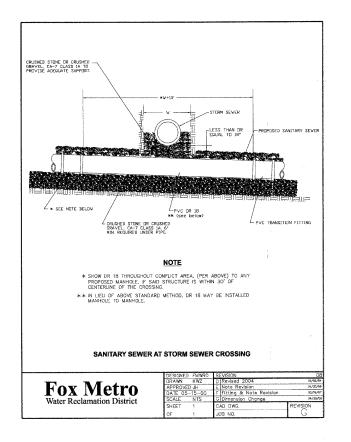
Indicates the distance from the larger end of the reducer.

2) The Entire restraint system from the fitting to the minimum restraint distance must be Inspected by

The City of Autora of it is representative prior to backfining.					
	Revisions		Watermain Restraint Length Table		
	Date:	By:			
AURUKA			Scale:	Checked	
*****			None	PJH	EXHIBIT III-C-9
Engineering			Date: Dr	Drawn:	EAIIIDII III-C-9
Denartment			2/04	DE	l







-- 12" MIN.

ONE LENGTH OF POLYETHYLENE TUBE FOR EACH LENGTH OF PIPE, OVERLAPPED AT JOINT.

FOLD EXCESS POLY-ETHYLENE BACK OVER THE TOP OF THE PIPE.

NOTE: REPAIR ALL SMALL RIPS, TEARS OR ÖTHER TUBE DAMAGE WITH ADHESIVE TAPE.

POLYETHYLENE ENCASEMENT

N.T.S.

THE TUBE ALONG THE BARREL OF THE PIPE TO MAKE A SNUG, BUT NOT TIGHT, FIT.

