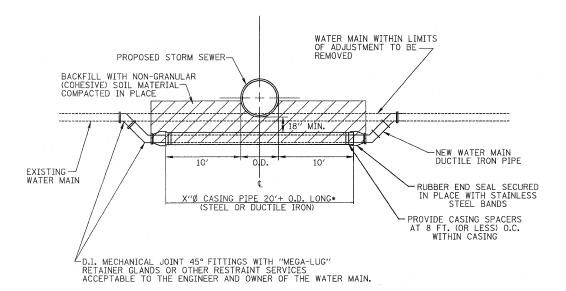


STORM SEWER	CASING PIPE	LENGTH OF	MIN. WALL	
PIPE SIZE	SIZE	CASING PIPE	THICKNESS	
36"	42''	110′	0.375"	

RAILROAD STORM SEWER CROSSING CASING PIPE DETAIL

N.T.S.



WATER MAIN ADJUSTMENT DETAIL

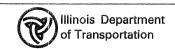
WATER MAIN CROSSING NOTES

ADJUSTED WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. ARRANGE CROSSING SO THAT THE SEWER PIPE JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).

*WHERE PROPOSED STORM SEWER MEETS WATER MAIN REQUIREMENTS, CASING PIPE SHALL BE OMITTED.



USER NAME = ddoorflor(Rdwy_Lislo)	DESIGNED	-	D.DOERFLER	REVISED	-
PLOT CONFIG= PDF(Grey_Large).plt	DRAWN	-	D.DOERFLER	REVISED	-
PLOT SCALE = 1:50	CHECKED	-	A.JAMES	REVISED	-
PLOT DATE = 3/10/2011	DATE		12/3/2010	REVISED	-



ILLINOIS ROUTE 53					F.A. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
1	DRAINAGE DETAILS				2578	532B	DUPAGE	781	290	
							CONTRAC	T NO. 6	50477	
1	SCALE: NONE	SHEET	DRA-35 OF 36	STA.	TO STA.	FED. RC	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			