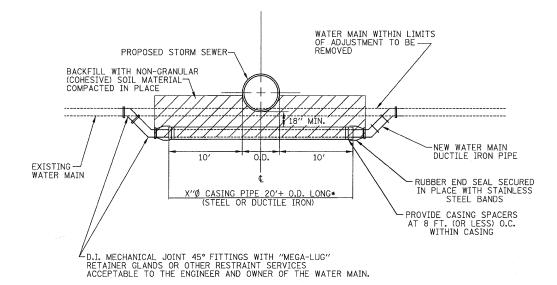


	STORM SEWER	CASING PIPE	LENGTH OF	MIN. WALL
	PIPE SIZE	SIZE	CASING PIPE	THICKNESS
36"		42"	110′	0.375"

RAILROAD STORM SEWER CROSSING CASING PIPE DETAIL N.T.S.



## WATER MAIN ADJUSTMENT DETAIL

## WATER MAIN CROSSING NOTES

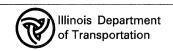
ADJUSTED WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE.

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.

	PATRICK ENGINEERING INC.	USE
	4970 VARSITY DRIVE	PL0
PATRICK	LISLE, IL 60532 patrickengineering.com	PL0
PATRICK patrickengineering.com		PL D

R NAME = ckersten(Lisle\_R) DESIGNED D.DOERFLER REVISED OT CONFIG= PDF(Grey\_Large).plt DRAWN D.DOERFLER REVISED OT SCALE = 1:5Ø CHECKED A.JAMES REVISED DT DATE = 12/3/2010 DATE REVISED 12/3/2010



SCALE: NONE

SHEET

ILLINOIS ROL	ILLINOIS ROUTE 53		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAINAGE DETAILS			2578	532B	DUPAGE	781	290
Diminate Di					CONTRACT	NO. 6	0477
DRA-35 OF 36	STA.	TO STA.	FED. RO	DAD DIST. NO.   ILLINOIS FED. A	D PROJECT	***********	