PROPOSED STORM SEWER  PROPOSED STORM SEWER  BACKFILL WITH NON-GRANULAR (COHESTVE) SOIL MATERIAL  COMPACTED IN PLACE  10'  10'  10'  10'  10'  10'  10'  10
D.I. MECHANICAL JOINT 45° FITTINGS WITH "MEGA-LUG" RETAINER GLANDS OR OTHER RESTRAINT SERVICES ACCEPTABLE TO THE ENGINEER AND OWNER OF THE WATER MAIN.  PROVIDE CASING SPACER: AT 8 FT. (OR LESS) O.C. WITHIN CASING

WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE BOTTOM 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.

WATER MAIN ADJUSTMENT/CASING DETAIL

## LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED		
REFERENCE LINE/CENTERLINE AND STATIONING	<u> 0+00</u>			
STORM SEWER	AND			
SANITARY SEWER	))			
END SECTION	⊲	4		
CATCH BASIN	. 0	•		
HEADWALL/ENDWALL	$\overline{}$	$\sim$		
INLET		-		
MANHOLE	0	0		
RIGHT OF WAY LINE				
PROP. TEMPORARY EASEMENT LINE		77 77 77 77 ·		
PIPE UNDERDRAIN				

REVISIONS								
NAME	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION						
		FAU 3578 (SOUTHWEST HIGHWAY)						
		OVER B&O RAILROAD AND STONY CREEK						
		DRAINAGE & UTILITIES						
		DETAILS						
	*****	SCALE:	VERT. HORIZ			DRAWN BY:	DES	
		DATE:				CHECKED BY:	JJC	