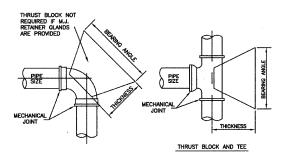
FAU RTE.	SECTION		-	COUNTY	TOTAL SMEETS	SHEET NO
3603	03-00049-00-FP			соок	045	026
STA.			то	STA.		
FED. RO	AD DIST. NO. 1	ILLIN	ois	FED. AID PR	OJECT M8003	(559)

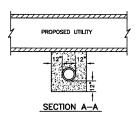
CONTRACT #63078

THRÚS'	T BLOCK B	EARING ARE	EA (SQUAR	E FEET)
MAIN PIPE SIZE	TEE	90° BEND	45° BEND	BLOCK THICKNESS
3° 4°				
6" 8"				
10" 12"	45.0	07.5	17.75	10*
16"	18.0 23.0 31.0	23.5 33.0 44.25	13.75 18.0 24.0	24" 24"
20	38.5 55.0	54.25 78.0	29.5 42.25	30°
IGURES BASED	ON 100 PSI W	ATER PRESSURE		

HIGURES BASED ON 100 PSI WATER PRESSURE AND 10,000 PSI SOIL BEARING. PROVIDE "CLOW F-1058" MECHANICAL JOINT RETAINER GLANDS ON WATER MAIN FITTINGS 3" DIA. TO 12" DIA., ALL WATER MAIN FITTINGS TO BE MECHANICAL JUNIN'S.



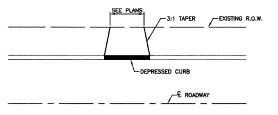
THRUST BLOCK PLAN



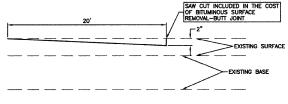
DETAIL OF WATERMAIN ADJUSTMENT

DUCTILE IRON JOINT RESTRAINT TABLE

NOTE: FOR BIDDING PURPOSES ONLY. CONTRACTOR TO SUBMIT DESIGN CALCULATIONS PRIOR TO CONSTRUCTION. *ALL RESTRAINED JOINTS MUST BE MEGALUC OR APPROVED EQUAL.



BITUMINOUS DRIVEWAY DETAIL



BUTT JOINT DETAIL

- WATER MAINS MAY BE LAID CLOSER THAN TEN FEET TO A SEWER LINE WHEN:

- - IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED IN (A) ABOVE: OR THE WATER MAIN PASSES UNDER A SEWER OR DRAIN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAIN STREET IMPROVEMENTS NORTH MAIN STREET TO CAMPBELL STREET CONSTRUCTION DETAILS

SCALE: VERT. NA HORIZ. NA DATE 7-24-08

CHECKED BY WPD