



NOTES

1. Blocking Shall Be Placed Against Firm, Undisturbed Earth.
2. If Distance Between Concrete Blocking For A Top Vertical Bend And Blocking For A Bottom Vertical Bend Is Less Than 3 Feet, Blocking Shall Be As Per Standard Detail Sheet No. _____
3. This Detail Does Not Apply To Creek Crossings. See Standard Detail Sheet No. _____

SIZE	DEGREE BEND	75 P.S.I. & UNDER				75 TO 125 P.S.I.				125 TO 200 P.S.I.			
		A	B	CU. YDS. CONC.	LBS. STEEL	A	B	CU. YDS. CONC.	LBS. STEEL	A	B	CU. YDS. CONC.	LBS. STEEL
4	11 1/4	1'0"	0'6"	0.1	-	1'0"	0'6"	0.1	15	1'0"	0'6"	0.1	15
	22 1/2	1'0"	0'6"	0.1	-	1'0"	0'6"	0.1	15	1'0"	0'6"	0.1	15
	45	1'0"	0'6"	0.1	-	1'0"	0'6"	0.1	15	1'0"	0'6"	0.1	15
6	11 1/4	1'0"	0'6"	0.1	-	1'0"	0'6"	0.1	16	1'0"	0'6"	0.1	16
	22 1/2	1'0"	0'6"	0.1	-	1'0"	0'6"	0.1	16	1'0"	0'6"	0.1	16
	45	1'0"	0'6"	0.1	-	1'0"	0'6"	0.1	16	1'0"	0'6"	0.1	16
8	11 1/4	1'0"	0'6"	0.1	-	1'0"	0'6"	0.1	20	1'0"	0'6"	0.1	20
	22 1/2	1'0"	0'6"	0.1	-	1'0"	0'6"	0.1	20	1'0"	0'6"	0.1	20
	45	1'0"	0'6"	0.1	-	1'0"	0'6"	0.1	20	1'6"	0'6"	0.2	30
10	11 1/4	1'0"	0'6"	0.2	-	1'0"	0'6"	0.2	21	1'0"	0'6"	0.2	21
	22 1/2	1'0"	0'6"	0.2	-	1'0"	0'6"	0.2	21	1'0"	0'6"	0.2	21
	45	1'0"	0'6"	0.2	-	1'6"	0'6"	0.2	30	2'0"	0'6"	0.3	39
12	11 1/4	1'0"	0'6"	0.2	-	1'0"	0'6"	0.2	25	1'0"	0'6"	0.2	22
	22 1/2	1'0"	0'6"	0.2	-	1'0"	0'6"	0.2	25	1'6"	0'6"	0.3	31
	45	1'6"	0'6"	0.3	-	2'0"	0'6"	0.4	46	3'0"	0'6"	0.5	58
16	11 1/4	1'0"	0'6"	0.3	27	1'0"	0'6"	0.3	27	1'0"	0'6"	0.3	27
	22 1/2	1'0"	0'6"	0.3	27	1'6"	0'6"	0.4	38	2'0"	0'6"	0.5	49
	45	2'0"	0'6"	0.5	49	3'0"	0'6"	0.7	71	4'0"	0'6"	0.9	94
20	11 1/4	1'0"	0'6"	0.3	31	1'0"	0'6"	0.3	31	1'6"	0'6"	0.5	44
	22 1/2	1'6"	0'6"	0.5	44	2'0"	0'6"	0.6	58	3'0"	0'6"	0.9	84
	45	3'0"	0'6"	0.9	80	4'0"	0'6"	1.2	110	5'6"	0'6"	1.6	150

		CITY OF ELYRIA, OHIO ENGINEERING DEPARTMENT	
		TYPICAL BLOCKING FOR CAST IRON BENDS BOTTOM VERTICAL	
DR. BY	TJS	DATE	2-77
CK. BY	LDD	DATE	7-12-77
BY	DATE	APPROVED CITY ENGINEER <i>Lenny D. Shippy</i>	
REVISIONS			
		DRAWING 2-203	