



MATERIAL LIST

QTY	DESCRIPTION	STOCK NO.	QTY	DESCRIPTION	STOCK NO.
1	VALVE BOX PER STANDARD GS-170		4	#10 LOCATOR WIRE	211571
2	WELD X WELD GATE VALVES		5	DIRECT BURY SPLICE KIT	202577
	1-1/4" WELD END SHORT, FULL OPEN	204442	6	NATURAL GAS WARNING TAPE	213312
	2" WELD END SHORT, FULL OPEN	204446			
	4" WELD END SHORT, FULL OPEN	204453			
	6" WELD END SHORT, FULL OPEN	204460			
	8" WELD END LONG, FULL OPEN	204461			
	10" WELD END LONG, FULL OPEN	203106			
	12" WELD END LONG, FULL OPEN	203129			
	16" WELD END LONG, FULL OPEN	204417			
3	SAND BAGS	203244		UNDISTURBED OR COMPACTED BOTTOM OF DITCH	

GENERAL NOTES

- 1 WRAP TRACER WIRE AROUND THE MAIN TO PREVENT PULLOUT.
- 2 VALVES MUST BE IN THE CLOSED POSITION DURING WELDING, OR THE VALVE SEATS WILL BE SEVERELY DAMAGED.
- 3 APPLY PROTECTIVE COATING TO ALL STEEL SURFACES PER GS-450.
- 4 SAND BAGS ARE PREFERRED FOR BLOCKING. WOOD BLOCKING MAY BE USED AS AN ALTERNATIVE.
- 5 FABRICATE A HOLE NEAR THE TOP OF BOX, THEN RUN LOCATOR WIRES INTO THE BOX ALLOWING ENOUGH WIRE TO EXTEND 2' ABOVE GRADE. CONNECT LOCATOR WIRES IN VALVE BOX WITH SPLICE KIT.

**CONSTRUCTION STANDARD
CITY UTILITIES OF
SPRINGFIELD, MISSOURI**

**STEEL
VALVE INSTALLATIONS**