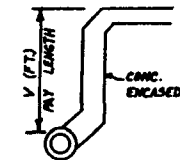
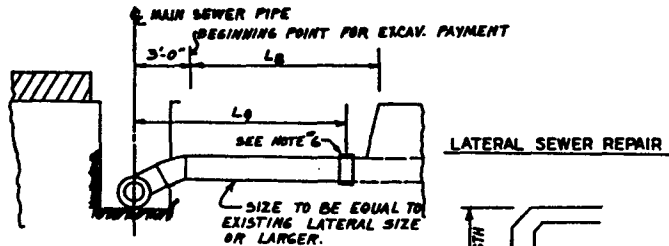
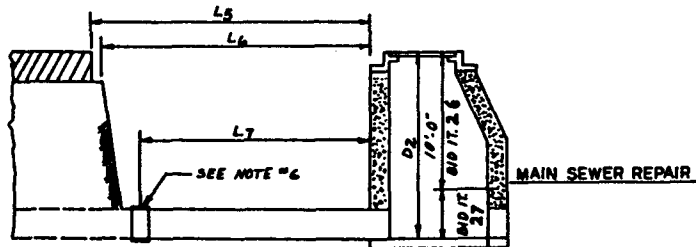
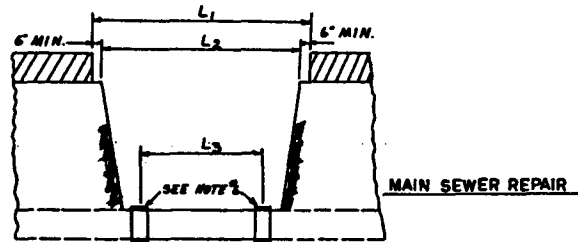
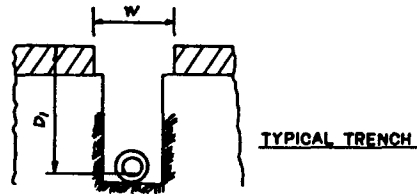


NOTES: METHOD OF MEASUREMENT OF PAY QUANTITIES



MAXIMUM PAY WIDTH FOR PAYMENT REMOVAL AND REPLACEMENT	
D	W
UP TO 7'-0"	3'-0"
7'-0" TO 9'-0"	4'-0"
9'-0" TO 12'-0"	5'-0"
12'-0" TO 15'-0"	6'-0"
15'-0" TO 20'-0"	8'-0"

(1) D_1 is measured from the pavement surface or adjacent ground line to the pipe invert line. Use the depth at the midpoint of the repair section for determining which pay item number is applicable.

(2) Pavement removal and replacement:
 $Area = (W \times L_1) \div 9$ where W shall be actual width unless actual width exceeds maximum pay width in table on this sheet. The pay length (L_1) for each separate excavation shall be the actual length specified for removal by the City (W may be increased by direction of the City to replace pavement to existing joint lines).

(3) The pay length for trench excavation (L_2) or (L_6) shall be the actual length as shown but not more than 1'0" less than (L_1) or 0'6" less than (L_5).

(4) The pay length for pipe replaced (L_3) or (L_7) shall be the actual length replaced, except not less than 2'0" minimum length for 12" diameter and smaller, and 3'0" minimum length for 15" diameter or larger.

(5) The pay depth D_2 shall be used for measurement of linear feet of Manhole repair or replacement.

LATERAL SEWER REPAIR

(6) On all types of pipes use a repair coupling with stainless steel bands such as made by the Logan Co., for up to 15" diameter pipe. Over 15" diameter, use a concrete collar constructed with mortar for water tight joints.

CITY OF ELYRIA, OHIO ENGINEERING DEPARTMENT			
SANITARY SEWER REPAIRS METHOD OF MEASUREMENT			
MRN	3-8-95	DR. BY NJT	DATE 11-84
		CK. BY LRD	DATE 11-87
BY	DATE	APPROVED CITY ENGINEER	
REVISIONS			DRAWING 1-604