

PLAN

SUBMITTED
PLOTTED
NOTE BOOK
ALIGNMENT CHECKED
NO.
BY
DATE

PROFILE

SUBMITTED
PLOTTED
NOTE BOOK
GRADES CHECKED
B.M. NOTED
NO.
BY
DATE

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1	36" REINFORCED CONCRETE PIPE IN PLACE	LF	918
2	30" REINFORCED CONCRETE PIPE IN PLACE	LF	1555
3	24" REINFORCED CONCRETE PIPE IN PLACE	LF	2405
4	12" REINFORCED CONCRETE PIPE IN PLACE	LF	574
5	10" EXTRA STRENGTH CONCRETE PIPE IN PLACE	LF	515
6	8" EXTRA STRENGTH CONCRETE PIPE IN PLACE	LF	291
7	24" DUCTILE IRON PIPE, EXTRA OVER CONCRETE PIPE	LF	70
8	12" DUCTILE IRON PIPE, EXTRA OVER CONCRETE PIPE	LF	48
9	10" DUCTILE IRON PIPE, EXTRA OVER CONCRETE PIPE	LF	196
10	8" DUCTILE IRON PIPE, EXTRA OVER CONCRETE PIPE	LF	106
11	MANHOLE, 4'-0" DIAMETER	VF	311
12	4'-0"x4'-0" CAST-IN-PLACE OR 5'-0" ROUND PRECAST MANHOLE BASE	EA	8
13	MANHOLE FRAME AND COVER	EA	27
14	DROP CONNECTION, 8" PIPE	EA	3
15	DROP CONNECTION, 12" PIPE	EA	1
16	CONCRETE ENCASEMENT	CY	6
17	TRENCH STABILIZATION MATERIAL	TON	50
18	ABANDONED OR REMOVED MANHOLES	EA	14
19	PIPE PLUGS	EA	10
20	CLEANOUT CONNECTIONS FOR EXISTING SEWERS. (AT MH105 AND MH104)	EA	2
21	PAVEMENT REPLACEMENT IN CITY STREETS	SY	150
22	CURB AND GUTTER REPLACEMENT	LF	20
23	MINOR STRUCTURE EXCAVATION	CY	3700
24	REMOVE TEMPORARY CONNECTION	LS	1

THE ABOVE ITEMS ARE TO BE PAID FOR 100% BY THE CITY OF ROANOKE.

