

SUMMARY OF QUANTITIES

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ITEM	UNIT	QUANTITY	
		ACTUAL	PROPOSAL
<u>SEWER PIPE: IN PLACE, ALL DEPTHS</u>			
48" PIPE, D ₁₀ > 1500	L.F.	1,905	1,732
48" PIPE	L.F.	4,285	3,896
42" PIPE	L.F.	45	41
36" PIPE, D ₁₀ > 1250	L.F.	530	482
30" PIPE	L.F.	885	1805
18" PIPE	L.F.	75	68
15" PIPE	L.F.	25	21
12" PIPE	L.F.	64	58
10" PIPE	L.F.	10	6
8" PIPE	L.F.	60	53
<u>LATERAL CONNECTIONS: ALL SIZES, ALL DEPTHS, INCLUDES PIPE</u>	Ea.	35	35
<u>MANHOLES:</u>			
4' BARREL	VF	360	327
5' BARREL	VF	10	6
6' BARREL	VF	190	174
FRAME AND COVER	Ea.	40	40
DROP CONNECTIONS (EXTRA OVER STD. MANHOLE)	Ea.	8	8
ABANDON MANHOLES	Ea.	21	21
DEMOLISH MANHOLES	Ea.	16	16
<u>SEWER CROSSINGS UNDER RAILWAY (TUNNEL OR JACKED)</u>			
48" CARRIER PIPE	L.F.	55	50
36" CARRIER PIPE	L.F.	55	50
UNIT PRICE TO INCLUDE ALL EQUIP- MENT, LABOR, AND MATERIALS, INCLUD- ING TUNNEL LINER PLATE, IF USED.			
<u>PAVEMENT REPLACEMENT</u>	TON	425	387
<u>UTILITY ROCK EXCAVATION (EXTRA OVER EARTH EXCAVATION)</u>	C.Y.	5,000	5,000
<u>CLEAN-OUT CONNECTIONS -</u> UNIT PRICE INCLUDES TEES, REDUCERS, VAULTS, FRAME AND COVERS, ETC. TO MAKE A COMPLETE CONNECTION AS DEPICTED BY REPRESENTATIVE DETAIL.	Ea.	4	4
<u>RELOCATION AND REPLACEMENT OF WATER LINES</u>			
4"	L.F.	125	100
10"	L.F.	250	200
<u>TRENCH STABILIZATION MATERIAL</u>	C.Y.	500	500
<u>MODIFY S.D. JUNCTION BOX (PIPE INCLUDED M.H. 33 TO M.H. 34)</u>	L.S.	1	1
<u>METERING CHAMBER</u>	L.S.	1	1
<u>SMOKE TEST</u>	Ea.	35	35
<u>SEWER PIPE: IN PLACE</u>			
24" DUCTILE IRON, SLIP JOINT, CLASS 50	L.F.	720	655
24"-45° BENDS	Ea.	2	2
<u>SEWER CROSSING UNDER RAILWAY</u>			
48"- 'OPEN CUT'	L.F.	100	90
UNIT PRICE TO INCLUDE ALL EQUIPMENT, LABOR AND MATERIALS			

GENERAL NOTES

1. ALL DISTANCES AND INVERTS ARE Q OF MANHOLE.
2. ALL DISTANCES SHOWN ARE HORIZONTAL MEASUREMENTS.
3. LOCATION AND DEPTHS OF UTILITIES ARE APPROXIMATE AND THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXACT LOCATIONS AND DEPTHS.
4. LOCATIONS OF EXISTING LATERALS WERE TAKEN FROM MAPS AND RECORDS. EXACT LOCATIONS SHALL BE DETERMINED DURING CONSTRUCTION WITH CITY ASSISTANCE.
5. THE EXISTING SEWERAGE SYSTEM INDICATED TO BE ABANDONED SHALL REMAIN IN SERVICE UNTIL ALL DOWNSTREAM SECTIONS OF THE MAIN SEWER ARE TESTED AND PLACED INTO OPERATION.
6. ALL SEWER LATERALS SHOWN ON THE PLANS FOR LOCATED DURING CONSTRUCTION SHALL BE CONNECTED TO THE NEW SEWER LINE.

LEGEND

—●—	NEW SANITARY SEWER AND MANHOLE
—S—	EXISTING SANITARY SEWER
—SD—	EXISTING STORM DRAIN
—E—	EXISTING ELECTRICAL DUCT
—G—	EXISTING GAS LINE
—T—	EXISTING TELEPHONE DUCT
—W—	EXISTING WATER LINE
—X—X—X—	SEWER LINE TO BE ABANDONED
—○—□—	EXISTING UTILITY POLE OR TOWER
○	EXISTING MANHOLE
⊗	TREE OR SHRUB
—X—X—X—	PLUG EXISTING SEWER
—X—X—X—	NEW SEWER LATERAL
—X—X—X—	FENCE
□	GAS DRIP
□	GAS VALVE OR METER
○	WATER METER
⊗	CATCH BASIN
A—○	EXISTING MANHOLE TO BE ABANDONED
D—○	EXISTING MANHOLE TO BE DEMOLISHED

"REVISED"
ADDENDUM NO. 5