

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
<b>LUMP SUM BID ITEMS (706997)</b>		
Mobilization	1	L.S.
Field Office and Lab (Type A)	1	Each
Clearing Right of Way	1	L.S.
Pavement Removed	6216	S.Y.
Excavation	3662	C.Y.
Compacted Fill (95% Density)	1868	C.Y.
Concrete Pavement (8") (RCVG)	225	S.Y.
Concrete Pavement (8") (Reinf.) (Alleys)	27	S.Y.
Concrete Pavement (9") (Uniform) (Intersection)	1138	S.Y.
Concrete Pavement (9") (NRDJ) (Mainline)	4840	S.Y.
7" AC Pavement (5" Bit Base) (BM-2, PG 70-28)	656	S.Y.
6" Reinforced Crushed Rock Base (9" Pavement)	6746	S.Y.
7" Reinforced Crushed Rock Base (Alley & VG Entrances)	242	S.Y.
8" Reinforced Crushed Rock Base (7" Pavement)	756	S.Y.
Underdrain (Curb Inlets)	144	L.F.
Combined Curb and Gutter (Type I or Type II)	2277	L.F.
Edge Curb (Monolithic) (6")	153	L.F.
Paving Brick (Crosswalk)	283	S.Y.
Wheelchair Ramp (w/ Detectable Warning)	8	Each
Curb Inlet (Type I) (L=5'-0", W=3'-0")	6	Each
Curb Inlet (Type I) (L=10'-0", W=3'-0")	11	Each
Reset Existing Curb Inlet (L=5'-0")	1	Each
Inlet Hook-up	18	Each
Reinforced Concrete Manhole	2	Each
15" Storm Sewer (RCP)	435	L.F.
18" Storm Sewer (RCP)	111	L.F.
24" Storm Sewer (RCP)	34	L.F.
Adjustment of SWS Manholes (w/ New Ring & Cover)	9	Each
Sand Fill, Flush, and Vibrate	511	L.F.
Street Signing	1	L.S.
Pavement Marking	1	L.S.
Traffic Signal Installation (Washington & Waterman)	1	L.S.
Traffic Control	1	L.S.
Temporary Traffic Signal Installation	1	L.S.
<b>MEASURED QUANTITY BID ITEMS (706997)</b>		
Concrete Pavement (8") (Reinf.) (Drive Entrances)	490	S.Y.
5" AC Pavement (3" Bit Base) (BC-1/SC-1)	268	S.Y.
6" AC Temporary Pavement (4" Bit Base)	262	S.Y.
Sidewalk Concrete Pavement (4")	14338	S.F.
Retaining Wall	209	L.F.
Curb Inlet Protection	18	Each
Silt Fence	700	L.F.
Protection Curb (6")	250	L.F.
Portable Changeable Electronic Message Sign	50	Day
<b>LUMP SUM BID ITEMS (751422)</b>		
Bus Bench Installation (City Furnished)	1	L.S.
Reinforced Concrete Manhole	2	Each
4' x 3' RCB	212	L.F.
Sand Fill, Flush, and Vibrate	212	L.F.
<b>MEASURED QUANTITY BID ITEMS (751422)</b>		
Bus Bench Pad (5" Concrete Pavement) (Reinf.)	30	S.Y.
<b>LUMP SUM BID ITEMS (633806) - PHASE 1C WATERLINE</b>		
Pavement Removed	1220	S.Y.
Concrete Pavement (8") (RCVG)	56	S.Y.
Concrete Pavement (9") (Uniform) (Intersection)	116	S.Y.
Concrete Pavement (9") (NRDJ) (Mainline)	835	S.Y.
7" AC Pavement (5" Bit Base) (BM-2, PG 70-28)	195	S.Y.
6" Reinforced Crushed Rock Base (9" Pavement)	960	S.Y.
7" Reinforced Crushed Rock Base (Alley & VG Entrances)	56	S.Y.
8" Reinforced Crushed Rock Base (7" Pavement)	195	S.Y.
Remove and Replace Asphalt Pavement (Lewis East)	281	L.F.
Remove and Replace Concrete Pavement (Lewis East)	122	L.F.
Connect 48" Water Main to Existing 48" PCCP Water Main	1	Each
Connect 48" Water Main to 20" Water Main	1	Each

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<b>MEASURED QUANTITY BID ITEMS (633806) - PHASE 1C WATERLINE</b>		
48" RJ Pipe	1191	L.F.
16" RJ Pipe by Directional Drill	93	L.F.
16" Pipe	131	L.F.
16" DI CL Pipe	3	L.F.
12" Pipe	33	L.F.
12" DI CL Pipe	4	L.F.
8" DI CL Pipe	32	L.F.
Valve Assembly 48"	1	Each
Anchored Valve Assembly 16" (Special)	1	Each
Anchored Valve Assembly 16"	1	Each
Valve Assembly 12"	1	Each
Anchored Valve Assembly 8" (Special)	2	Each
Valve Assembly 8"	1	Each
Fire Hydrant Assembly	2	Each
Concrete Encasement on 20" Sanitary Sewer	31	L.F.
Concrete Encasement on 15" Sanitary Sewer	20	L.F.
Concrete Encasement on 12" Sanitary Sewer	20	L.F.
1 1/4" Conduit	1220	L.F.
Service Box Assembly (Quazite Composolite)	2	Each
Sand Fill, Flush, and Vibrate (48" Pipe)	1191	L.F.
Sand Fill, Flush, and Vibrate (8"/12"/16" Pipe)	203	L.F.
Reconnect Water Service Line & Meter	1	Each
Relocate Existing Water Meter	6	Each
Misc. Valve, Valve Box, Meter, FH Ad Justment / Abandonment	9	Each
6" AC Temporary Pavement (4" Bit Base)	1128	S.Y.
<b>LUMP SUM BID ITEMS (633807) - PHASE 1D WATERLINE</b>		
Mobilization	1	L.S.
Erosion Control BMP	1	L.S.
Site Clearing	1	L.S.
Site Restoration	1	L.S.
Connection to Existing 48" Water Main	1	L.S.
<b>MEASURED QUANTITY BID ITEMS (633807) - PHASE 1D WATERLINE</b>		
48" RJ Pipe	31	L.F.
8" Combination Air Valve Assembly and Vault	1	Each
6" DI CL Pipe	17	L.F.
6" Pipe	23	L.F.
Anchored Valve Assembly 6"	1	Each
Reconnect Water Service Line & Meter	1	Each
Remove and Replace Asphalt (Temporary Pavement)	52	L.F.
Remove and Replace Sidewalk (Temporary Pavement)	16	L.F.
Remove and Replace Concrete Curb & Gutter	25	L.F.
Sand Fill, Flush, and Vibrate	65	L.F.
<b>LUMP SUM BID ITEMS (620532) - SANITARY SEWER</b>		
20" Sanitary Sewer	51	L.F.
8" Sanitary Sewer	134	L.F.
4" Dia. SS Manhole	2	Each
Connect to Existing Manhole	2	Each
Concrete Encasement on 20" Sanitary Sewer	15	L.F.
Cleanout Assembly and 4" SS Service Line	4	Each
Sand Fill, Flush, and Vibrate	185	L.F.
Remove Existing Manhole	1	Each
Existing Manhole Top Replacement and Ad Justment	8	Each

See Sh. No. R44 for Traffic Signal Quantities (Washington & Waterman)  
 See Sh. No. R47 for Summary of Pavement Markings  
 See Sh. No. R49 for Sign Assembly Tables  
 See Sh. No. R61 for List of Traffic Control Devices

No.	Revision	By	Date
	WASHINGTON STREET		
<b>RECAPITULATION OF QUANTITIES</b>			
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Designed by	JPS	Job No.	05493-8
Drawn by	SVB	Date	Dec., 2008
			Sht. R38 of R73