

### RECAPITULATION OF ROAD & PROJECT QUANTITIES

ITEM	QUANTITY TOTAL	UNIT
<b>LUMP SUM BID ITEMS - PAVING</b>		
FIELD OFFICE & LABORATORY (Type A)	1	Each
MOBILIZATION	1	Lump Sum
SITE CLEARING	1	Lump Sum
SITE RESTORATION	1	Lump Sum
REMOVAL OF EXISTING STRUCTURES	1	Lump Sum
SEEDING	1	Lump Sum
SODDING	1	Lump Sum
PAVEMENT REMOVED	42,023	Sq. Yds.
SIDEWALK, DRIVE, &/OR PKG LOT REMOVED	9,330	Sq. Yds.
EXCAVATION	15,265	Cu. Yds.
FILL, COMPACTED (MR-90)	241	Cu. Yds.
CONCRETE PAVEMENT 9" (Reinforced)	1,582	Sq. Yds.
CONCRETE PAVEMENT 9" (NRDU)	42,092	Sq. Yds.
CONCRETE PAVEMENT (VG) 8" (Reint)	3,704	Sq. Yds.
CONCRETE PAVEMENT 8" (Reinforced)	368	Sq. Yds.
CRUSHED ROCK BASE 8", REINFORCED	49,364	Sq. Yds.
CRUSHED ROCK BASE 7", REINFORCED	3,711	Sq. Yds.
CONCRETE C & G, COMB. TYPE 1 (6" & 1-1/2")	13,129	Ft.
CONCRETE CURB, MONO EDGE (6" & 1-1/2")	1,983	Ft.
BRICK PAVERS, CROSSWALK	232	Sq. Yds.
WHEELCHAIR RAMP w/ DETECTABLE WARNINGS	50	Each
INLET HOOK-UPS	48	Each
BUS STOP PAD	1	Lump Sum
<b>LUMP SUM BID ITEMS - DRAINAGE</b>		
INLET, CURB (Type 1A) (L=10' W=3')	12	Each
INLET, CURB (Type 1) (L=10' W=3')	30	Each
INLET, CURB (Type 1A) (L=10' W=4')	2	Each
INLET, CURB (Type 1A) (L=10' W=5')	1	Each
INLET, CURB (Type 1A) (L=5' W=3')	1	Each
INLET, CURB (Type 1) (L=5' W=3')	1	Each
INLET, CURB (Type 2) (L=6'2 1/2" W=3'4 3/8")	1	Each
INLET, DROP, (Double)	4	Each
INLET, GRATED DRIVEWAY, DOUBLE	1	Each
MH, TYPE P, SPECIAL SHALLOW (4')	1	Each
MH, TYPE P, SHALLOW (4')	1	Each
MH, TYPE P, SHALLOW (5')	1	Each
MH, TYPE P, SHALLOW (6')	2	Each
MH, STANDARD SWS (4')	1	Each
MH, STANDARD SWS (5')	5	Each
MH, STANDARD SWS (6')	7	Each
MH, STANDARD SWS (8')	7	Each
MH, REINFORCED CONCRETE (6'0" X 6'0")	1	Each
PIPE, RCP 15"	1,640	Ft.
PIPE, RCP 18"	1,140	Ft.
PIPE, RCP 24"	510	Ft.
PIPE, RCP 30"	394	Ft.
PIPE, RCP 36"	687	Ft.
PIPE, RCP 42"	1,248	Ft.
PIPE, RCP 48"	370	Ft.
PIPE, RCP 54"	1,017	Ft.
PIPE, RCP 60"	639	Ft.
MH ADJUSTED w/ NEW RING & COVER	2	Each
<b>MEASURED QUANTITY BID ITEMS - DRAINAGE</b>		
PIPE, SWS, PVC 4", PERFORATED	935	Ft.
FILL, SAND (Flushed & Vibrated)	7,645	Ft.
<b>LUMP SUM BID ITEMS - SANITARY SEWER</b>		
MH, STANDARD SS (4')	1	Each
PIPE, SS 8"	50	Ft.
MH, ADJUSTED w/ NEW RING & COVER	9	Each
<b>LUMP SUM BID ITEMS - TRAFFIC</b>		
PAVEMENT MARKING	1	Lump Sum
SIGNING	1	Lump Sum
TRAFFIC CONTROL	1	Lump Sum
TRAFFIC SIGNALIZATION	1	Lump Sum
TRAFFIC SIGNALIZATION, TEMPORARY	1	Lump Sum
<b>MEASURED QUANTITY BID ITEMS - PAVING</b>		
CONCRETE DRIVEWAY 8" (Reinforced)	34,695	Sq. Ft.
CRUSHED ROCK SURFACE (1" UD-1 on 6" SA-6)	252	Sq. Yds.
CONCRETE SIDEWALK 4"	56,156	Sq. Ft.
AC PAVEMENT 7" (5" Bit. Base)	127	Sq. Yds.
AC PAVEMENT 6" (Drive Hook-up) (BM-2)	450	Sq. Yds.
CONCRETE PAVEMENT 8" (Reinforced) (Hook-up)	831	Sq. Yds.
CRUSHED ROCK BASE 6", REINFORCED	96	Sq. Yds.
CRUSHED ROCK SURFACE (Drive Hook-up) (6" SA-6)	385	Sq. Yds.
AC PAVEMENT 5" (3" Bit. Base), TEMPORARY	500	Sq. Yds.
CONCRETE SIDEWALK PROTECTION CURB	2,686	Ft.
SIGNING, ARROW BOARD (Each Per Day)	150	Days
TREE REMOVED (Large)	26	Each
TREE REMOVED (Small)	28	Each
<b>MEASURED QUANTITY BID ITEMS - EROSION CONTROL</b>		
BMP, SILT FENCE	100	Ft.
BMP, CURB INLET PROTECTION	52	Each
BMP, DROP INLET PROTECTION	5	Each
BMP, BACK OF CURB PROTECTION	13,700	Ft.
BMP, CONSTRUCTION ENTRANCE	4	Each

### RECAPITULATION OF WATER QUANTITIES, Cont.

ITEM	QUANTITY TOTAL	UNIT
<b>LUMP SUM BID ITEMS - NON-PARTICIPATING ITEMS</b>		
TRANSPORTATION OF SALVAGE MATERIAL	1	Lump Sum
SIGNING, STREET NAME SIGNS ONLY (D-3 Metro Street Name Signs)	1	Lump Sum
<b>MEASURED QUANTITY BID ITEMS - WATER (NON-PARTICIPATING ITEMS)</b>		
PIPE, WL 2"	5	Ft.
PIPE, WL 8"	520	Ft.
PIPE, WL 12	619	Ft.
PIPE, WL 12 (Trenchless)	341	Ft.
PIPE, DICL 8"	36	Ft.
PIPE, DICL 12"	110	Ft.
PIPE, CASING 21" (Steel)	136	Ft.
VALVE ASSEMBLY, ANCHORED 8"	2	Each
VALVE ASSEMBLY, ANCHORED 8", SPECIAL	1	Each
VALVE ASSEMBLY, ANCHORED 12	2	Each
VALVE ASSEMBLY, BLOWOFF 2"	2	Each
SERVICE OUTLET ASSY. 2"	2	Each
FIRE HYDRANT ASSEMBLY	2	Each
VALVE BOX ADJUSTED	33	Each
VALVE BOX REMOVED/ABANDONED	14	Each
METER BOX ADJUSTED (Includes New Box and Ring & Lid)	1	Each
METER SET ADJUSTED (Includes New Box and Ring & Lid)	1	Each
SERVICE LINE, LONG 1"	39	Each
SERVICE LINE, SHORT 1"	58	Each
WATER SERVICE ABANDONED, 1" & SMALLER	4	Each
AC PAVEMENT 5" (3" Bit. Base), TEMPORARY	100	Sq. Yd.
FILL, SAND (Flushed & Vibrated)	1,290	Ft.
FIRE HYDRANT RELOCATION	7	Each
ABANDON 8" WATER LINE	1	Lump Sum

#### ADJUSTMENT OF SS MANHOLES

STATION (BASELINE)	SIDE	ROADWAY	REMARKS
22+42.34	42.41' Rt.	Meridian Avenue	
22+82.88	43.32' Lt.	Meridian Avenue	
76+15.27	10.14' Rt.	Meridian Avenue	
77+93.50	10.19' Rt.	Meridian Avenue	
80+69.68	47.11' Rt.	Meridian Avenue	
84+51.62	36.08' Rt.	Meridian Avenue	
87+48.43	40.55' Rt.	Meridian Avenue	
101+55.55	28.35' Lt.	Harry Street	
101+76.84	18.74' Rt.	Harry Street	

#### ADJUSTMENT OF SWS MANHOLES

STATION (BASELINE)	SIDE	ROADWAY	REMARKS
16+08.75	10.03' Lt	Meridian Avenue	
22+12.00	10.16' Lt	Meridian Avenue	

#### EXISTING MAILBOX REPLACEMENTS

STATION	HOUSE #	ROADWAY	# of Boxes
38+53	1940	Meridian Avenue	1
50+28	1757	Meridian Avenue	1
50+33	1758	Meridian Avenue	1
50+74	1752	Meridian Avenue	1
51+19	1751	Meridian Avenue	1
51+36	1748	Meridian Avenue	1
51+77	1743	Meridian Avenue	1
51+80	1740	Meridian Avenue	1
52+26	1737	Meridian Avenue	1
52+59	1736	Meridian Avenue	4
52+85	1735	Meridian Avenue	1
53+54	1722	Meridian Avenue	1
54+55	1716	Meridian Avenue	1
54+87	1705	Meridian Avenue	1
55+86	1702	Meridian Avenue	1
65+11	1512	Meridian Avenue	6

FOR INFORMATION ONLY. Existing Mailboxes to be Removed and Reset on Non-Hazardous Support. Cost to be SUBSIDIARY to the Bid Item "Site Restoration".

1. Removal of Inlets, Manholes, Storm Sewer Pipe, Light Poles, and etc. shall be SUBSIDIARY to "Removal of Existing Structures."
2. Abandoning Storm Sewer Pipe using Pipe Plugs shall be SUBSIDIARY to "Removal of Existing Structures."

### REMOVAL OF EXISTING STRUCTURES

STATION	ROADWAY	SIDE	ITEM
13+20	Meridian Avenue	Rt.	Sign
17+10	Meridian Avenue	Lt.	Landscape Boulder (X3)
17+47	Meridian Avenue	Lt.	Landscape Boulder
18+90	Meridian Avenue	Lt.	Landscape Boulder
19+30	Meridian Avenue	Lt.	Landscape Boulder
22+12-26+96	Meridian Avenue	Lt.	484 L.F. 36" RCP *
22+12-22+17	Meridian Avenue	Lt.	13 L.F. 24" RCP
22+17	Meridian Avenue	Lt.	Inlet
22+17-22+83	Meridian Avenue	Lt.	66 L.F. 18" RCP
22+48	Meridian Avenue	Rt.	Post
22+53	Meridian Avenue	Rt.	Post
22+83	Meridian Avenue	Lt.	Inlet
24+33	Meridian Avenue	Rt.	Post
26+96	Meridian Avenue	Lt.	SWS Manhole *
26+96-31+81	Meridian Avenue	Lt.	485 L.F. 36" RCP *
31+81	Meridian Avenue	Lt.	SWS Manhole *
32+88	Meridian Avenue	Lt.	Concrete Flume
33+17	Meridian Avenue	Lt.	Planter
31+81-36+69	Meridian Avenue	Lt.	488 L.F. 30" RCP *
36+40	Meridian Avenue	Lt.	Inlet
36+40-36+69	Meridian Avenue	Lt.	29 L.F. 15" RCP
36+69	Meridian Avenue	Lt.	SWS Manhole
36+69	Meridian Avenue	Lt.	SWS Manhole *
36+69-40+85	Meridian Avenue	Lt.	416 L.F. 30" RCP *
36+69	Meridian Avenue	Lt.	58 L.F. 24" RCP
36+69-36+83	Meridian Avenue	Lt.	15 L.F. 15" RCP
36+83	Meridian Avenue	Lt.	Inlet
36+83-37+09	Meridian Avenue	Lt.	34 L.F. 15" RCP
37+09	Meridian Avenue	Lt.	Inlet
38+36	Meridian Avenue	Rt.	Posts (X2)
38+52-38+77	Meridian Avenue	Rt.	Posts (X6)
46+39-46+74	Meridian Avenue	Lt.	36' L.F. of 30" RCP
46+74	Meridian Avenue	Lt.	SWS Manhole
46+74-50+22	Meridian Avenue	Lt.	350 L.F. of 36" RCP
49+47	Meridian Avenue	Lt.	SWS Inlet
49+47-49+91	Meridian Avenue	Lt.	46 L.F. of 15" RCP
49+91	Meridian Avenue	Lt.	SWS Inlet
49+91-50+22	Meridian Avenue	Lt.	38 L.F. of 15" RCP
49+52	Meridian Avenue	Rt.	SWS Inlet
49+52-49+99	Meridian Avenue	Rt.	47 L.F. of 15" RCP
49+99	Meridian Avenue	Rt.	SWS Inlet
49+99-50+20	Meridian Avenue	Rt.	40 L.F. of 15" RCP
50+20	Meridian Avenue	Rt.	SWS Inlet
50+20-50+22	Meridian Avenue	--	47 L.F. of 15" RCP
50+22	Meridian Avenue	Lt.	SWS Inlet
50+22-56+75	Meridian Avenue	Lt.	653 L.F. of 36" RCP
56+19	Meridian Avenue	Lt.	SWS Inlet
56+19-56+51	Meridian Avenue	Lt.	33 L.F. of 15" RCP
56+51	Meridian Avenue	Lt.	SWS Inlet
56+51-56+75	Meridian Avenue	Lt.	32 L.F. of 15" RCP
56+19	Meridian Avenue	Rt.	SWS Inlet
56+19-56+52	Meridian Avenue	Rt.	33 L.F. of 15" RCP
56+52	Meridian Avenue	Rt.	SWS Inlet
56+52-56+75	Meridian Avenue	Rt.	31 L.F. of 15" RCP
56+75	Meridian Avenue	Rt.	SWS Inlet
56+75	Meridian Avenue	--	48 L.F. of 15" RCP
56+75	Meridian Avenue	Lt.	SWS Inlet
56+75-63+14	Meridian Avenue	Lt.	634 L.F. 36" RCP
62+20	Meridian Avenue	Lt.	Drop Inlet & 6" PVC Pipe
62+44	Meridian Avenue	Lt.	Traffic Manhole
62+48	Meridian Avenue	Rt.	Traffic Manhole
62+55-62+66	Meridian Avenue	Rt.	47 L.F. of Retaining Wall
62+60	Meridian Avenue	Rt.	Traffic Signal
62+61	Meridian Avenue	Lt.	Traffic Signal
62+69	Meridian Avenue	Rt.	SWS Inlet
62+69-63+13	Meridian Avenue	Rt.	45 L.F. of 15" RCP

### REMOVAL OF EXISTING STRUCTURES

STATION	ROADWAY	SIDE	ITEM
63+13	Meridian Avenue	Rt.	SWS Inlet
62+75	Meridian Avenue	Lt.	SWS Inlet
62+75-63+15	Meridian Avenue	Lt.	40 L.F. of 15" RCP
63+15	Meridian Avenue	Lt.	SWS Manhole
63+14-63+15	Meridian Avenue	Lt.	22 L.F. of 15" RCP
63+14	Meridian Avenue	Lt.	SWS Manhole
63+13-63+32	Meridian Avenue	Lt.	18 L.F. of 30" RCP
63+32	Meridian Avenue	Lt.	SWS Manhole
63+32-63+33	Meridian Avenue	--	48 L.F. of 18" RCP
63+33	Meridian Avenue	Rt.	SWS Manhole
63+13-63+33	Meridian Avenue	Rt.	30 L.F. of 15" RCP
63+20	Meridian Avenue	Rt.	Traffic Manhole
63+24-63+79	Meridian Avenue	Lt.	67 L.F. of Retaining Wall
63+24	Meridian Avenue	Lt.	Traffic Manhole
63+33-63+48	Meridian Avenue	Rt.	16 L.F. of 15" RCP
63+48	Meridian Avenue	Rt.	SWS Inlet
63+48	Meridian Avenue	Lt.	SWS Inlet
63+33-65+25	Meridian Avenue	Lt.	192 L.F. of 24" RCP
65+25	Meridian Avenue	Lt.	SWS Manhole
65+25	Meridian Avenue	Lt.	SWS Inlet
62+25-71+84	Meridian Avenue	Lt.	659 L.F. of 24 RCP
71+84	Meridian Avenue	Lt.	SWS Manhole
71+84-71+95	Meridian Avenue	--	31 L.F. of 15" RCP
71+95	Meridian Avenue	Rt.	SWS Inlet
71+84-75+51	Meridian Avenue	Lt.	367 L.F. of 24" RCP
75+51	Meridian Avenue	Lt.	SWS Manhole
75+51	Meridian Avenue	--	47 L.F. of 15" RCP
75+51	Meridian Avenue	Lt.	SWS Inlet
75+51	Meridian Avenue	Rt.	SWS Inlet
75+51-76+29	Meridian Avenue	Lt.	72 L.F. of 24" RCP
75+96	Meridian Avenue	Lt.	SS Manhole
75+96-76+15	Meridian Avenue	--	32 L.F. of 8" SS Pipe
76+24	Meridian Avenue	Lt.	SWS Manhole
76+24-76+26	Meridian Avenue	Lt.	14 L.F. of 15" RCP
76+25	Meridian Avenue	Lt.	SWS Inlet
76+25-76+55	Meridian Avenue	--	45 L.F. of 15" RCP
76+01	Meridian Avenue	Rt.	SWS Inlet
76+01-76+35	Meridian Avenue	Rt.	33 L.F. of 15" RCP
76+35	Meridian Avenue	Rt.	SWS Inlet
76+35-76+55	Meridian Avenue	Rt.	29 L.F. of 15" RCP
76+55	Meridian Avenue	Rt.	SWS Inlet
76+24-82+46	Meridian Avenue	Lt.	623 L.F. of 18" RCP
82+15	Meridian Avenue	Rt.	SWS Inlet
82+15-82+46	Meridian Avenue	Rt.	46 L.F. of 15" RCP
82+15-82+44	Meridian Avenue	Rt.	36 L.F. of 15" RCP
82+44	Meridian Avenue	Rt.	SWS Inlet
82+42	Meridian Avenue	Lt.	SWS Inlet
82+42-82+46	Meridian Avenue	Lt.	15 L.F. of 15" RCP
82+42-82+62	Meridian Avenue	Lt.	30 L.F. of 15" RCP
82+62	Meridian Avenue	Lt.	SWS Inlet
82+46	Meridian Avenue	Lt.	SWS Manhole
82+44-82+77	Meridian Avenue	Rt.	34 L.F. of 15" RCP
82+77	Meridian Avenue	Rt.	SWS Inlet
82+77-83+07	Meridian Avenue	Rt.	36 L.F. of 15" RCP
83+07	Meridian Avenue	Rt.	SWS Inlet
82+62-82+94	Meridian Avenue	Lt.	33 L.F. of 15" RCP
82+94	Meridian Avenue	Lt.	SWS Inlet
82+94-83+36	Meridian Avenue	Lt.	33 L.F. of 15" RCP
83+36	Meridian Avenue	Lt.	SWS Inlet
86+27	Meridian Avenue	Rt.	Traffic Manhole
87+75	Meridian Avenue	Rt.	Traffic Manhole

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