

RECAPITULATION OF ROAD & PROJECT QUANTITIES

Code No	Bid Item	Approximate Quantities	Unit
LUMP SUM BID ITEMS - PAVING			
1113000	Field Office & Laboratory (Type A)	1	Ea
1114000	Mobilization	1	LS
1115000	Mobilization (DBE)	1	LS
1211000	Site Clearing	1	LS
1212000	Site Restoration	1	LS
1201000	Removal of Existing Structure	1	LS
1230000	Excavation	938	CY
1221000	Fill, Compacted (95% Density)	232	CY
MEASURED QUANTITY BID ITEMS - PAVING			
1292000	Pavement &/or Curb & Gutter Removed	5,715	SY
1295000	Sidewalk, Drive, &/or Pkg Lot Removed	1,913	SY
2342007	AC Pavement 7" (5" Bit. Base)	98	SY
2430007	Concrete Pavement 7" (Alley)	15	SY
2430008	Concrete Pavement 8" (Reinforced)	34	SY
2430009	Concrete Pavement 9" (Reinforced)	901	SY
2430009	Concrete Pavement 9" (NRD)	3,322	SY
2263006	Crushed Rock Base 6", Reinforced	4,850	SY
2263007	Crushed Rock Base 7", Reinforced	37	SY
2263008	Crushed Rock Base 8", Reinforced	109	SY
2246100	Concrete C & G, Comb. Type 1 (6" & 1-1/2")	1,499	LF
2246100	Concrete C & G, Comb. Type 4 (6-5/8" & 1-1/2")	30	LF
2247200	Concrete Curb, Mono Edge (6" & 1-1/2")	23	LF
2220000	Brick Pavers (Crosswalk)	208	SY
2256000	Wheelchair Ramp w/ Detectable Warnings	9	Ea
5501000	Inlet Hookups	11	Ea
2248308	Concrete Driveway 8" (Reinforced)	5,029	SF
2342005	AC Pavement 5" (3" Bit Base), Temporary	500	SY
2254000	Concrete Sidewalk Protection Curb	164	LF
4504000	Pipe Abandoned	281	LF
5503000	Inlet Removed	9	Ea
7530100	Valve Box Replaced	5	Ea
6510300	MH Adjusted w/ New Ring & Cover	2	Ea
6510400	MH Adjusted w/o New Ring & Cover	2	Ea
6510000	MH Abandoned	3	Ea
	Water Meter Boxes Removed & Replaced	11	Ea
MEASURED QUANTITY BID ITEMS - DRAINAGE			
5512023	Inlet, Curb (Type 1) (L=10' W=3')	2	Ea
5511013	Inlet, Curb (Type 1) (L=5' W=3')	7	Ea
5522000	Inlet, Drop (Double)	1	Ea
5522000	Inlet, Grated Driveway, Single	1	Ea
6561004	MH, Shallow SWS (4')	2	Ea
	MH Stack, SWS (5')	4	Ea
4560018	Pipe, RCP 18"	22	LF
4560015	Pipe, RCP 15"	384	LF
	Pipe, DI CL 10"	16	LF
1228000	Fill, Sand (Flushed & Vibrated)	422	LF
	Pipe, SWS PVC Perforated (Underdrain)	200	LF
LUMP SUM BID ITEMS - TRAFFIC			
8710000	Pavement Marking	1	LS
8820000	Signing	1	LS
8810000	Traffic Control	1	LS
8920000	Traffic Signalization	1	LS
8921000	Traffic Signalization, Temporary	1	LS
MEASURED QUANTITY BID ITEMS - WATER			
	Pipe, DI CL 8"	35	LF
7524001	Service Line, Short 1" (For Irrigation)	1	Ea
MEASURED QUANTITY BID ITEMS - EROSION CONTROL			
1612000	BMP, Curb Inlet Protection	11	Ea
1613000	BMP, Drop Inlet Protection	5	Ea
LUMP SUM BID ITEMS - PAVING (NON PARTICIPATING)			
1202000	Transportation of Salvage Material	1	LS
8822000	Signing, Street Name Signs Only (D-3 Metro Street Name Signs)	1	LS

CONCRETE C & G, COMB. TYPE I (6" & 1 1/2")				
STA. TO STA.	ROADWAY	SIDE	LENGTH (ft.)	
23+71.20	25+80.41	Douglas	Lt.	209.42
23+95.69	25+76.73	Douglas	Rt.	186.01
26+68.21	28+32.03	Douglas	Rt.	175.65
26+69.06	28+32.20	Douglas	Lt.	165.64
17+48.08	19+36.00	Hydraulic	Lt.	188.00
17+80.14	19+50.08	Hydraulic	Rt.	169.94
20+49.07	21+53.50	Hydraulic	Rt.	104.50
20+55.31	21+98.44	Hydraulic	Lt.	143.13
Intersection (Northwest Radius) -- 45.63				
Intersection (Northeast Radius) -- 31.41				
Intersection (Southwest Radius) -- 48.62				
Intersection (Southeast Radius) -- 31.37				
TOTAL				1,499.32

AC PAVEMENT 7" (5" BIT. BASE)				
STA. TO STA.	ROADWAY	OFFSET	TYPE	AREA (Sq. Yds.)
23+44.37	23+55.37	Douglas	49.00' Lt Hookup	36.67
23+80.00	24+21.00	Douglas	23.00' Rt Temporary	60.96
TOTAL				97.63

CONCRETE PAVEMENT 8" (REINF)				
STA. TO STA.	ROADWAY	OFFSET	TYPE	AREA (Sq. Yds.)
23+44.37	23+71.21	Douglas	32' Lt Valley Gutter	34.27
TOTAL				34.27

CONCRETE PAVEMENT 9" (REINF)		
STA. TO STA.	ROADWAY	AREA (Sq. Yds.)
25+75.20	26+69.00	Douglas 901.15
TOTAL		901.15

CONCRETE PAVEMENT 9" (NRDJ)		
STA. TO STA.	ROADWAY	AREA (Sq. Yds.)
24+22.50	25+75.40	Douglas 934.21
26+69.00	28+45.00	Douglas 1,041.64
17+70.40	19+36.27	Hydraulic 752.30
20+55.45	21+98.00	Hydraulic 593.77
TOTAL		3,321.92

CRUSHED ROCK BASE 6", REINFORCED				
STA. TO STA.	ROADWAY	OFFSET	PAVEMENT TYPE	AREA (Sq. Yds.)
23+80.00	28+44.00	Douglas	9" NRDJ & 9" Reinf	4,835.11
17+48.08	21+98.00	Hydraulic	30' Rt Alley	15.00
21+90.00	Hydraulic	30' Rt	Alley	15.00
TOTAL				4,850.11

CRUSHED ROCK BASE 7", REINFORCED				
STA. TO STA.	ROADWAY	OFFSET	PAVEMENT TYPE	AREA (Sq. Yds.)
23+44.37	23+71.21	Douglas	32' Lt Valley Gutter	36.61
TOTAL				36.61

CRUSHED ROCK BASE 8", REINFORCED				
STA. TO STA.	ROADWAY	OFFSET	PAVEMENT TYPE	AREA (Sq. Yds.)
23+44.37	23+55.37	Douglas	49' Lt 7" AC	48.33
23+80.00	24+21.00	Douglas	23' Rt 7" AC	60.96
TOTAL				109.29

CONCRETE PAVEMENT 7" (ALLEY)				
STA. TO STA.	ROADWAY	OFFSET	TYPE	AREA (Sq. Yds.)
23+71.21	Douglas	32' Lt	Valley Gutter	15.00
TOTAL				15.00

CONCRETE C & G, COMB. TYPE 4 (6 5/8" & 1 1/2")			
STA. TO STA.	ROADWAY	SIDE	LENGTH (ft.)
23+71.20	25+80.41	Douglas	Lt. 30.00
TOTAL			30.00

CONCRETE CURB, MONO EDGE (6" & 1 1/2")				
STA. TO STA.	ROADWAY	OFFSET	PAVEMENT TYPE	LENGTH (ft.)
23+56.21	23+71.21	Douglas	32' Lt Valley Gutter	23.40
TOTAL				23.40

BRICK PAVERS (CROSSWALK)*				
LOCATION	TYPE	AREA (Sq. Yds.)	SIZE (in.)	PATTERN
Intersection of Douglas/Hydraulic	Crosswalks	208.11	3 1/8"	Holland Stone (Red)
TOTAL		208.11	3 1/8"	Holland Stone (Red)

* Includes Sand Base

WHEELCHAIR RAMPS*		
STATION	ROADWAY	SIDE
23+66.00	Douglas	Lt.
25+75.00	Douglas	Lt.
25+80.00	Douglas	Rt.
26+02.00	Douglas	Lt.
26+02.00	Douglas	Rt.
26+52.00	Douglas	Lt.
26+52.00	Douglas	Rt.
26+65.00	Douglas	Lt.
26+65.00	Douglas	Rt.

* w/ Detectable Warnings

REMOVE & RESET BUS STOP SHELTER		
STATION	ROADWAY	SIDE
25+66.00	Douglas	Lt.

CONCRETE SIDEWALK PROTECTION CURB				
STA. TO STA.	ROADWAY	SIDE	HEIGHT	LENGTH (ft.)
17+70.00	18+54.00	Hydraulic	Rt. 6"	83.33
18+83.00	19+60.00	Hydraulic	Rt. 6"	80.64
TOTAL				163.97

REMOVAL OF EXISTING STRUCTURES			
STATION	ROADWAY	OFFSET	ITEM
23+61	Douglas	65' Lt	Inlet
25+84	Douglas	43' Rt	Inlet
25+88	Douglas	43' Lt	Inlet
25+97	Douglas	46' Lt	Traffic Signal Pole
26+02	Douglas	53' Lt	Traffic Manhole
26+04	Douglas	58' Rt	Traffic Signal Pole
26+09	Douglas	64' Lt	Inlet
26+10	Douglas	67' Rt	Inlet
26+58	Douglas	66' Rt	Inlet
26+58	Douglas	47' Lt	Inlet
26+59	Douglas	40' Lt	Traffic Signal Pole
26+64	Douglas	39' Rt	Traffic Signal Pole
26+66	Douglas	35' Lt	Traffic Manhole
26+71	Douglas	33' Lt	Inlet
26+72	Douglas	28' Rt	Inlet
26+88	Douglas	31' Rt	Inlet
27+44	Douglas	28' Rt	Inlet

For Information Only.

MANHOLES ABANDONED				
STATION	ROADWAY	OFFSET	TYPE	REMARKS
26+09	Douglas	43' Rt	SWS	Plug Pipe Leads
26+31	Douglas	46' Lt	SWS	Plug Pipe Leads
26+32	Douglas	62' Lt	SWS	Plug Pipe Leads

MANHOLES ADJUSTED W/O NEW RING & COVER					
STATION	ROADWAY	OFFSET	TYPE	EXISTING ELEVATION	PROPOSED ELEVATION
26+08	Douglas	35' Rt	SWS	1296.75	1296.41
26+57	Douglas	22' Rt	SWS	1296.79	1296.52

MANHOLES ADJUSTED W/ NEW RING & COVER					
STATION	ROADWAY	OFFSET	TYPE	EXISTING ELEVATION	PROPOSED ELEVATION
24+72	Douglas	22' Lt	SS	1297.32	1296.60
23+45	Douglas	72' Lt	SWS	1296.87	1296.87

CONCRETE DRIVEWAY PAVEMENT 8" (REINF)			
STATION	ROADWAY	SIDE	AREA (Sq. Ft.)
23+86.44	Douglas	Rt.	465.07
23+98.97	Douglas	Lt.	719.64
24+66.08	Douglas	Lt.	551.46
27+18.13	Douglas	Rt.	299.63
27+97.53	Douglas	Lt.	304.43
17+60.55	Hydraulic	Rt.	375.30
17+97.55	Hydraulic	Lt.	357.93
18+43.35	Hydraulic	Lt.	341.64
18+68.44	Hydraulic	Rt.	524.18
18+68.44	Hydraulic	Rt.	205.43
20+77.08	Hydraulic	Lt.	385.93
21+71.72	Hydraulic	Rt.	498.40
TOTAL			5,029.04

EARTHWORK							
STA. TO STA.	STREET	EXCAVATION		FILL, COMPACTED (95% DENSITY)		WASTE (NON-PAY)	REMARKS
		(cu. yd.)	NOTE	(cu. yd.)	NOTE	(cu. yd.)	
23+95.69	28+44.02	Douglas	590.24 *	154.04	*	290.57 **	See Cross-Sections
17+70.39	19+67.33	Hydraulic	176.01 *	40.14	*	101.90 **	See Cross-Sections
20+29.28	21+98.47	Hydraulic	171.89 *	37.42	*	101.88 **	See Cross-Sections
BID TOTAL			938.14	231.60		494.35	

* Earth Work Calculated from Bottom of Existing Paving.
 ** 1.1(0.80E - 1.20CF)

Note:
 For Erosion Control Quantities, See Erosion Control Sheet 43.
 For Traffic Signalization Quantities, See Traffic Wiring Sheet Sheet 29.
 For Traffic Marking and Signing Quantities, See Traffic Marking Sheet Sheet 26 and Traffic Signage Sheet 27.