

ID	DESCRIPTION	UNITS	PARK & WASHINGTON SHEET R-14	PARK & WASHINGTON SHEET PM-14	PARK & WASHINGTON SHEET GC-14	CLIFFORD & WASHINGTON SHEET R-15	CLIFFORD & WASHINGTON SHEET PM-15	CLIFFORD & WASHINGTON SHEET GC-15	G RIVER & WASHINGTON SHEET R-16	G RIVER & WASHINGTON SHEET PM-16	G RIVER & WASHINGTON SHEET GC-16	STATE & WASHINGTON SHEET R-17	STATE & WASHINGTON SHEET PM-17	STATE & WASHINGTON SHEET GC-17	MICHIGAN & WASHINGTON SHEET R-18	MICHIGAN & WASHINGTON SHEET PM-18	MICHIGAN & WASHINGTON SHEET GC-18	LAFAYETTE & WASHINGTON SHEET R-19	LAFAYETTE & WASHINGTON SHEET PM-19	LAFAYETTE & WASHINGTON SHEET GC-19	FORT & WASHINGTON SHEET R-20	FORT & WASHINGTON SHEET PM-20	FORT & WASHINGTON SHEET GC-20
2040013	Sidewalk, Rem	Syd	305			625			610						560			170			160		
2047001	Curb, Rem, Modified	Ft	150			335			305						285			160			140		
2057021	Excavation, Earth, Modified	Cyd	19			40			43						32			10			9		
2057021	Granular Material, CI II, Modified	Cyd			19			40			43						32			10			9
4037050	Dr Structure Cover, Adj, Case 2, Modified	Ea				2			4						10								
8027001	Curb, Conc, Det C1, Modified	Ft			150			335			305						285			160			140
8037010	Sidewalk, Conc, 4 inch, Modified	Sft			2515			4915			4865						4520			1150			1145
8037010	Sidewalk Ramp, ADA, 6 inch, Modified	Sft			230			690			625						640			410			320
8037050	24" x 60" Detectable Warning Surface Tiles, Modified	Ea			4			12			12						10			8			8
8117001	Pavt Mrkg, Preformed, Patterned, 12 inch, White Zebra Crosswalk, Modified	Ft		115			415			440						516			450			550	
8117001	Pavt Mrkg, Preformed, Patterned, 24 inch, Stop Bar, Modified	Ft		33			110			110						128			125			150	
8110150	Rem Spec Mrkg	Sft	222			957			921						1113			938			1024		

ID	DESCRIPTION	UNITS	CONGRESS & WASHINGTON SHEET R-21	CONGRESS & WASHINGTON SHEET PM-21	CONGRESS & WASHINGTON SHEET GC-21	LARNED & WASHINGTON SHEET R-22	LARNED & WASHINGTON SHEET PM-22	LARNED & WASHINGTON SHEET GC-22	JEFFERSON & WASHINGTON SHEET R-23	JEFFERSON & WASHINGTON SHEET PM-23	JEFFERSON & WASHINGTON SHEET GC-23	TOTAL
2040013	Sidewalk, Rem	Syd	210			155			190			2985
2047001	Curb, Rem, Modified	Ft	200			160			190			1925
2057021	Excavation, Earth, Modified	Cyd	12			9			11			185
2057021	Granular Material, CI II, Modified	Cyd			12			9			11	185
4037050	Dr Structure Cover, Adj, Case 2, Modified	Ea				2						18
8027001	Curb, Conc, Det C1, Modified	Ft			200			160			190	1925
8037010	Sidewalk, Conc, 4 inch, Modified	Sft			1610			1050			1370	23140
8037010	Sidewalk Ramp, ADA, 6 inch, Modified	Sft			325			355			360	3955
8037050	24" x 60" Detectable Warning Surface Tiles, Modified	Ea			8			8			8	78
8117001	Pavt Mrkg, Preformed, Patterned, 12 inch, White Zebra Crosswalk, Modified	Ft		435			435		435			3791
8117001	Pavt Mrkg, Preformed, Patterned, 24 inch, Stop Bar, Modified	Ft		110			110		89			965
8110150	Rem Spec Mrkg	Sft	869			870			823			7737



HH Engineering LTD
220 Bagley, Suite 500
Detroit, Michigan 48226
phone (313) 963-6560
fax (313) 963-6960
hhengltd@aol.com

Hamilton Anderson Associates
1435 Randolph, Suite 200
Detroit, Michigan 48226
ph (313) 964-0270, fax (313) 964-0170, www.hamilton-anderson.com

REVISION #	DATE
#1 For Review	03/17/08

WASHINGTON BLVD ADA HANDICAP RAMPS – DETROIT, MICHIGAN				SHEET NO. 109
DATE 07/09/09	SCALE NTS	JOB NO. C0720	DESIGN UNIT HIMES	SHEET NO. G-2

QUANTITIES