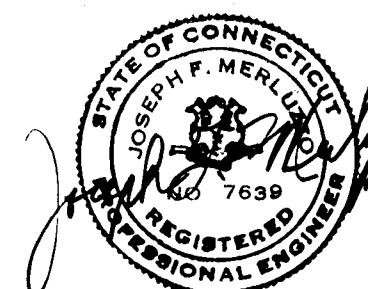


ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
1B	6" x 20" NEW STRAIGHT GRANITE CURB ON NEW FOUNDATION	LF	1,011
1C	8" x 20" NEW STRAIGHT GRANITE CURB ON NEW FOUNDATION	LF	41
2B	6" x 20" NEW STRAIGHT GRANITE CURB ON EXISTING FOUNDATION	LF	22
4	RESET STRAIGHT GRANITE CURB ON EXISTING FOUNDATION	LF	887
5	CURB ENDS TRIMMED	EA	49
6	NEW RADIUS GRANITE CURB	LF	581
10A	REMOVAL OF EXISTING GRANITE CURB	LF	508
12A	ADJUST MANHOLE IN CONCRETE BASE	EA	3
12C	ADJUST WATER GATE IN CONCRETE BASE	EA	6
13A	HARTFORD TYPE "C" REVISED CATCH BASIN	EA	10
13B	HARTFORD TYPE "CL" CATCH BASIN	EA	1
13C	CONVERT CATCH BASIN TO MANHOLE	EA	3
14B	12" PLASTIC P.V.C. PIPE	LF	24
15	REMOVE CATCH BASIN	EA	8
23C	4" REINFORCED CONCRETE SLAB ON NEW 8" FOUNDATION UNDER PROPOSED SIDEWALK	SF	25,500
28	SAW CUT	LF	2,792
32	SITE PREPARATION	LS	1
33	PARTIAL DEPTH REMOVAL OF CONCRETE BASE	SY	333
34G	21" ROADWAY EXCAVATION	SY	102
34H	27" SIDEWALK EXCAVATION	SY	796
36	FORMATION OF SUBGRADE	SY	390
37	PROCESSED TRAPROCK BASE	TON	1,300
40C	MILL EXISTING PAVEMENT TO SPECIFIED DEPTH	SY	12,000
41B	CONSTRUCT NEW 8" REINFORCED CONCRETE PAVEMENT BASE ON PREPARED 6" PROCESSED STONE SUBBASE	SY	371
47A	BITUMINOUS CONCRETE BINDER COURSE	TON	1,604
47B	BITUMINOUS CONCRETE SURFACE COURSE	TON	963
50C	SET NEW CONCRETE MERESTONE	EA	3
51A	GRANITE CARRIAGEWAY 36" X 18" X 2"	SF	2,014
51AA	GRANITE CARRIAGEWAY 36" X 16" X 2"	SF	41
51B	GRANITE BAND (CROSSWALK)	SF	1,197
51BB	GRANITE BAND (BUSLANE)	SF	672
51C	GRANITE PAVER	SF	1,351
51D	GRANITE COBBLE	SF	842
52	CONCRETE PAVERS	SF	20,754
53	BRICK PAVING	SF	22,349
54A	TRASH RECEPTACLE	EA	12
54B	TREE GRATE AND FRAME 6' X 6'	EA	20
54C	TREE GUARD	EA	5
54D	BUS SHELTER W/BENCHES	EA	1
54E	SPARE SITE FURNISHINGS	LS	6
55	GRANITE PLANTER	EA	22
56	GRANITE BOLLARDS 30" W/FOOT.	LF	130
57	STEEL CHAIN	LS	1
60	MISCELLANEOUS EXTRA WORK	EA	7
66A	ACER PLATANOIDES	EA	13
66B	TILIA CORDATA	EA	6
66C	PLANTING GROUP	LF	1,526
68	12" WHITE PREFORMED PLATIC PAVEMENT MARKINGS	LF	11,782
69	4" YELLOW PREFORMED PLASTIC PAVEMENT MARKINGS	LF	12,032
70	4" WHITE PREFORMED PLASTIC PAVEMENT MARKINGS	LF	162
71	PREFORMED PLASTIC PAVEMENT MARKINGS - SYMBOLS AND LEGEND	SF	311
72	CONSTRUCTION SIGNS	EA/DAY	5,565
75	BARRICADE WARNING LIGHTS	EA/DAY	5,565
76	TRAFFIC DRUMS	LF	1,080
80A	TEMPORARY PRECAST CONCRETE BARRIER CURB	LF	2,580
80B	RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB	LF	320
82	TEMPORARY PRECAST CONCRETE BARRIER CURB (15"X32")	EA	70
83	TEMPORARY BARRIER DELINEATORS	EA	
84	TREE REMOVAL	EA	6
85A	TEMPORARY SAND INERTIAL BARRIER MODULE (700 LB)	EA	4
85B	TEMPORARY SAND INERTIAL BARRIER MODULE (1400 LB)	EA	16
85C	TRANSFER OF SAND INERTIAL BARRIER MODULE	EA	45
93	BITUMINOUS WATERPROOFING	SF	8,300
94	SIDEWALK HEATING MATS	SF	312
95	RESET EXISTING 18" GRANITE CARRIAGE CURB	SF	150
130	400W HPS ORNAMENTAL LUMINAIRE, 9 FT. CROSS ARM, AND 30 FT. FLUTED POLE ON EXISTING FOUNDATION	EA	18
131	400W HPS ORNAMENTAL LUMINAIRE, 9 FT. CROSS ARM, AND 30 FT. FLUTED POLE ON NEW FOUNDATION	EA	14
132	400W HPS ORNAMENTAL LUMINAIRE, ON 9 FT. CROSS ARM ON TRAFFIC POLE	EA	7
133	2" POLYVINYL CHLORIDE CONDUIT	LF	1,600
134	#10 AWG. CONDUCTOR	LF	3,600
135	#6 AWG. CONDUCTOR	LF	4,000
140	TRENCHING AND BACKFILLING	LF	2,140
190	CLASS "A" CONCRETE	CY	330
191	REINFORCING STEEL	LB	19,522
192	ANCHOR BOLTS	LB	1,820
193A	1/2" JOINT FILLER	SF	740
193B	3/4" JOINT FILLER	SF	40
194	EXCAVATION - DRILLED HOLE FOR CAISSON	EA	26
195	RESET FLAGPOLE	EA	1

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
1002201	TRAFFIC CONTROL FOUNDATION - COMBINATION SPAN POLE	EA	2
1002202	TRAFFIC CONTROL FOUNDATION - MAST ARM	EA	10
1002203	TRAFFIC CONTROL FOUNDATION - PEDESTAL - TYPE 1	EA	2
1002205	TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE 2	EA	2
1002208	TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE 4	EA	1
1008115	2" RIGID METAL CONDUIT IN TRENCH	LF	605
1008117	3" RIGID METAL CONDUIT UNDER ROADWAY	LF	530
1008215	2" RIGID METAL CONDUIT UNDER ROADWAY	LF	845
1008217	3" RIGID METAL CONDUIT UNDER ROADWAY	LF	285
1008906A	CLEAN EXISTING CONDUIT	HR	32
1010001	CONCRETE HANDHOLE (30" X 30")	EA	13
1102002	8' ALUMINUM PEDESTAL	EA	1
1102008	4' - 4" ALUMINUM PEDESTAL	EA	1
1103002A	STEEL COMBINATION SPAN POLE	EA	2
1104020A	STEEL MAST ARM ASSEMBLY	EA	10
1105007A	2 WAY, 3 SECTION SPAN WIRE TRAFFIC SIGNAL	EA	2
1105008A	2 WAY, 4 SECTION SPAN WIRE TRAFFIC SIGNAL	EA	2
1105103A	1 WAY, 3 SECTION MAST ARM TRAFFIC SIGNAL	EA	8
1105105A	1 WAY, 5 SECTION MAST ARM TRAFFIC SIGNAL	EA	2
1105107A	2 WAY, 3 SECTION MAST ARM TRAFFIC SIGNAL	EA	3
1105111A	3 WAY, 3 SECTION MAST ARM TRAFFIC SIGNAL	EA	2
1105601A	LANE CONTROL SIGNAL	EA	33
1106001A	1 WAY PEDESTRIAN SIGNAL - POLE MOUNTED	EA	5
1106002A	2 WAY PEDESTRIAN SIGNAL - POLE MOUNTED	EA	8
1106003A	1 WAY PEDESTRIAN SIGNAL - PEDESTAL MOUNTED	EA	1
1107001A	PEDESTRIAN PUSH BUTTON AND SIGN - POLE MOUNTED	EA	13
1107002A	PEDESTRIAN PUSH BUTTON AND SIGN - PEDESTAL MOUNTED	EA	2
1108004A	PRETIMED EXPANSIBLE MASTER-LOCAL CONTROLLER (4-DIAL)	EA	1
1108005A	PRETIMED EXPANSIBLE LOCAL CONTROLLER 4-DIAL SOLID STATE (TYPE P)	EA	2
1111032A	LOOP VEHICLE DETECTOR - 2 CHANNEL	EA	3
1111451A	LOOP DETECTOR SAWCUT	LF	330
1113005	2 CONDUCTOR NO. 8 AWG TYPE SE	LF	110
1113050A	2 CONDUCTOR NO. 14 CABLE (LOOP LEAD IN)	LF	2,020
1113102	5 CONDUCTOR NO. 14 CABLE	LF	10,485
1113103	7 CONDUCTOR NO. 14 CABLE	LF	2120
1113104	9 CONDUCTOR NO. 14 CABLE	LF	5590
1113106	12 CONDUCTOR NO. 14 CABLE	LF	285
1113109	21 CONDUCTOR NO. 14 CABLE	LF	145
1113430A	COMMUNICATIONS CABLE NO. 19 AWG - 12 PAIR	LF	510
1113431A	COMMUNICATIONS CABLE NO. 19 AWG IN SNET DUCT	LF	2015
1113399	CABLE CLOSURE	EA	1
1114102	SPAN WIRE	LF	140
1118012A	REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT	LS	1
1118101A	TEMPORARY SIGNALIZATION	LS	1
1118122A	INTERNALLY ILLUMINATED SIGN	EA	16
1208908	SIGN FACE - SHEET ALUMINUM (ENCAPSULATED LENS)	SF	15

CITY OF HARTFORD, CONNECTICUT DEPARTMENT OF PUBLIC WORKS TRANSPORTATION SERVICES BUREAU			
HNTB HOWARD NEEDLES TAMMEN & BERGENDOFF Architects / Engineers / Planners		Pat Loheed, Landscape Architect L-C Associates, Inc. - Surveyor	
HARTFORD PEDESTRIAN TRANSIT PROJECT ESTIMATED QUANTITIES			
DESIGN RSO	SCALE:	DAY BOOK NO.	
DRAWN YS			
CHECKED JFM			
DATE: 9-8-89	SHEET NO. C-3		



REVISION	MADE BY	CHECKED BY	DESCRIPTION