

**STANDARD
TECHNICAL SPECIFICATIONS
FOR
STREETS AND ROADS, TRAFFIC, AND
STREETScape CONSTRUCTION**



Prepared by:

**URBAN ENGINEERS, INC.
1010 WETHERSFIELD AVENUE
HARTFORD, CONNECTICUT 06114**

For Submission To:

**THE CITY OF HARTFORD, CONNECTICUT
DEPARTMENT OF PUBLIC WORKS**

JANUARY 2005



CITY OF HARTFORD, CONNECTICUT
Index of Standard Specifications

Item No.	Unit	Description
Standard Roadway Items, Group "01"		
0100101	LF	NEW STRAIGHT GRANITE CURB ON NEW FOUNDATION
0100121	LF	NEW STRAIGHT PRECAST CONCRETE CURB ON NEW FOUNDATION
0100201	LF	NEW STRAIGHT GRANITE CURB ON EXISTING FOUNDATION
0100301	LF	RESET STRAIGHT GRANITE CURB ON NEW FOUNDATION
0100401	LF	RESET STRAIGHT GRANITE CURB ON EXISTING FOUNDATION
0100501	EA	HORIZONTAL CURB CUT
0100502	EA	VERTICAL CURB CUT
0100601	LF	NEW RADIUS GRANITE CURB
0100701	LF	RESET RADIUS GRANITE CURB
0100801	LF	CURB UNDERDRAIN
0100901	LF	BITUMINOUS CONCRETE LIP CURBING
0101001	LF	REMOVAL OF EXISTING GRANITE CURB
0101002	LF	REMOVAL OF CONCRETE CURB & GUTTER
0101201	EA	ADJUST MANHOLE OR CATCH BASIN IN CONCRETE BASE
0101202	EA	ADJUST MANHOLE OR CATCH BASIN IN FLEXIBLE BASE
0101203	EA	ADJUST WATER GATE IN CONCRETE BASE
0101204	EA	ADJUST WATER GATE IN FLEXIBLE BASE
0101205	EA	ADJUST MANHOLE OR WATER GATE USING EXTENSION RING
0101206	EA	RESET MANHOLE OR CATCH BASIN IN CONCRETE BASE
0101207	EA	RESET MANHOLE OR CATCH BASIN IN FLEXIBLE BASE
0101221	EA	CONVERT CATCH BASIN TO MANHOLE
0101222	EA	CONVERT TYPE "C" C.B. TO TYPE "CL" C.B.
0101301	EA	HARTFORD TYPE "C" CATCH BASIN/GRANITE INLET
0101302	EA	HARTFORD TYPE "C" CATCH BASIN/CONCRETE INLET
0101303	EA	HARTFORD TYPE "CL" CATCH BASIN
0101304	EA	HARTFORD TYPE "C" CATCH BASIN DOUBLE GRATE TYPE I-GRANITE INLET
0101305	EA	HARTFORD TYPE "C" CATCH BASIN DOUBLE GRATE TYPE II-GRANITE INLET
0101401	LF	6" P.V.C. PIPE
0101402	LF	8" P.V.C. PIPE
0101403	LF	10" P.V.C. PIPE
0101404	LF	12" P.V.C. PIPE
0101405	LF	15" P.V.C. PIPE
0101406	LF	18" P.V.C. PIPE
0101407	LF	24" P.V.C. PIPE
0101501	EA	REMOVE MANHOLE
0101502	EA	REMOVE CATCH BASIN
0101601	EA	TYPE I MANHOLE
0101602	EA	TYPE II MANHOLE
0101621	EA	SEWER MANHOLE FRAME & COVER
0101622	EA	STORM DRAIN MANHOLE FRAME & COVER
0101701	EA	SPECIAL MANHOLE
0101801	LF	12" REINFORCED CONCRETE PIPE CLASS IV

City of Hartford, Connecticut
Standard Construction Items - Index

0101802	LF	15" REINFORCED CONCRETE PIPE CLASS IV
0101803	LF	18" REINFORCED CONCRETE PIPE CLASS IV
0101804	LF	24" REINFORCED CONCRETE PIPE CLASS IV
0101805	LF	48" REINFORCED CONCRETE PIPE CLASS IV
0101806	LF	12" REINFORCED CONCRETE PIPE CLASS V
0101807	LF	15" REINFORCED CONCRETE PIPE CLASS V
0101808	LF	18" REINFORCED CONCRETE PIPE CLASS V
0101809	LF	24" REINFORCED CONCRETE PIPE CLASS V
0101810	LF	48" REINFORCED CONCRETE PIPE CLASS V
0101831	LF	12" CORRUGATED POLYETHELENE PIPE
0101832	LF	12" PERFORATED CORRUGATED POLYETHELENE PIPE WITH FABRIC
0101833	LF	15" CORRUGATED POLYETHELENE PIPE
0101834	LF	15" PERFORATED CORRUGATED POLYETHELENE PIPE WITH FABRIC
0101835	LF	18" CORRUGATED POLYETHELENE PIPE
0101836	LF	18" PERFORATED CORRUGATED POLYETHELENE PIPE WITH FABRIC
0101837	LF	24" CORRUGATED POLYETHELENE PIPE
0101838	LF	24" PERFORATED CORRUGATED POLYETHELENE PIPE WITH FABRIC
0101901	VLF	SANITARY SERVICE CHIMNEY
0102001	SF	BITUMINOUS CONCRETE DRIVEWAY
0102002	SF	BITUMINOUS CONCRETE DRIVEWAY RAMP
0102101	SF	5" CONCRETE WALK ON NEW FOUNDATION
0102201	SF	5" CONCRETE WALK ON EXISTING FOUNDATION
0102301	SF	8" REINFORCED CONCRETE SIDEWALK
0102321	SF	8" REINFORCED CONCRETE SIDEWALK RAMP
0102331	SF	8" REINFORCED CONCRETE DRIVEWAY RAMP
0102401	SF	2" BITUMINOUS CONCRETE SURFACE ON NEW FOUNDATION
0102402	SF	3" BITUMINOUS CONCRETE SURFACE ON NEW FOUNDATION
0102403	SF	5" BITUMINOUS CONC. SURFACE ON NEW FOUNDATION
0102501	SF	2" BITUMINOUS CONCRETE ON EXISTING FOUNDATION
0102502	SF	3" BITUMINOUS CONCRETE ON EXISTING FOUNDATION
0102503	SF	5" BITUMINOUS CONCRETE ON EXISTING FOUNDATION
0102601	EA	GALVINIZED DOWEL
0102701	LF	LONGITUDINAL DOWELED EXPANSION JOINT IN CONCRETE WALK
0102801	LF	SAW CUT PORTLAND CEMENT CONCRETE
0102802	LF	SAW CUT BITUMINOUS CONCRETE
0102901	SF	RELAY FLAGSTONE WALK
0102921	SF	NEW FLAGSTONE WALK
0103101	LS	CLEARING AND GRUBBING
0103401	SY	5" ROADWAY EXCAVATION
0103402	SY	9" ROADWAY EXCAVATION
0103403	SY	11" ROADWAY EXCAVATION
0103404	SY	13" ROADWAY EXCAVATION
0103405	SY	17" ROADWAY EXCAVATION
0103406	SY	19" ROADWAY EXCAVATION
0103407	SY	21" ROADWAY EXCAVATION
0103408	SY	23" ROADWAY EXCAVATION
0103501	CY	BANK RUN GRAVEL

City of Hartford, Connecticut
Standard Construction Items - Index

0103601	SY	FORMATION OF SUBGRADE
0103701	TON	LARGE PROCESSED TRAPROCK BASE
0103702	TON	MEDIUM PROCESSED TRAPROCK BASE
0103703	TON	SMALL PROCESSED TRAPROCK BASE
0103801	LS	EARTHWORK & FORMATION OF EMBANKMENT
0103901	SY	STRIP EXISTING PAVEMENT FROM RIGID BASE ROAD
0103902	SY	STRIP EXISTING PAVEMENT FROM FLEXIBLE BASE ROAD
0104001	SY	MILL EXISTING PAVEMENT TO REQUIRED DEPTH-CLASS A
0104002	SY	MILL EXISTING PAVEMENT TO REQUIRED DEPTH-CLASS B
0104003	SY	MILL EXISTING PAVEMENT TO REQUIRED DEPTH-CLASS C
0104004	SY	MILL EXISTING PAVEMENT TO REQUIRED DEPTH-CLASS D
0104005	SY	MILL EXISTING PAVEMENT TO REQUIRED DEPTH-CLASS E
0104006	SY	MILL EXISTING PAVEMENT TO REQUIRED DEPTH-CLASS F
0104007	SY	MILL EXISTING PAVEMENT TO REQUIRED DEPTH-CLASS G
0104008	SY	MILL EXISTING PAVEMENT TO REQUIRED DEPTH-CLASS H
0104101	SY	RECONSTRUCT REINFORCED CONCRETE PAVEMENT BASE
0104102	SY	CONSTRUCT NEW REINFORCED CONCRETE PAVEMENT BASE
0104201	LF	RECONSTRUCT CONCRETE PAVEMENT BASE AT CURB
0104301	TON	SUPERPAVE 3/8" SURFACE
0104302	TON	SUPERPAVE 1/2" SURFACE
0104303	TON	SUPERPAVE 3/4" SURFACE
0104304	TON	SUPERPAVE 1-1/2" SURFACE
0104305	TON	CLASS 4 BASE
0104306	TON	CLASS 1 INTERMEDIATE COURSE
0104307	TON	CLASS 1 HIGH VOLUME SURFACE
0104308	TON	CLASS 2 SURFACE
0104309	TON	CLASS 3 DENSE MIX
0104310	TON	CLASS 12 SHIM COURSE
0104311	TON	ULTRA THIN SURFACE
0104501	SY	6" FULL DEPTH PAVEMENT RECLAMATION
0104502	SY	7" FULL DEPTH PAVEMENT RECLAMATION
0104503	SY	8" FULL DEPTH PAVEMENT RECLAMATION
0104504	SY	9" FULL DEPTH PAVEMENT RECLAMATION
0104505	SY	10" FULL DEPTH PAVEMENT RECLAMATION
0104506	SY	11" FULL DEPTH PAVEMENT RECLAMATION
0104507	SY	12" FULL DEPTH PAVEMENT RECLAMATION
0104508	SY	13" FULL DEPTH PAVEMENT RECLAMATION
0104509	SY	14" FULL DEPTH PAVEMENT RECLAMATION
0104510	SY	15" FULL DEPTH PAVEMENT RECLAMATION
0104511	TON	SUPPLEMENTAL AGGREGATE
0104601	SY	HANDLING COLD RECLAIMED ASPHALT PAVEMENT – 0-6" DEPTH
0104602	SY	HANDLING COLD RECLAIMED ASPHALT PAVEMENT – 7" DEPTH
0104603	SY	HANDLING COLD RECLAIMED ASPHALT PAVEMENT – 8" DEPTH
0104604	SY	HANDLING COLD RECLAIMED ASPHALT PAVEMENT – 9" DEPTH
0104605	SY	HANDLING COLD RECLAIMED ASPHALT PAVEMENT – 10" DEPTH
0104606	SY	HANDLING COLD RECLAIMED ASPHALT PAVEMENT – 11" DEPTH
0104607	SY	HANDLING COLD RECLAIMED ASPHALT PAVEMENT – 12" DEPTH

City of Hartford, Connecticut
Standard Construction Items - Index

0104608	SY	HANDLING COLD RECLAIMED ASPHALT PAVEMENT – 13” DEPTH
0104609	SY	HANDLING COLD RECLAIMED ASPHALT PAVEMENT – 14” DEPTH
0104610	SY	HANDLING COLD RECLAIMED ASPHALT PAVEMENT – 15” DEPTH
0105001	EA	RESET EXISTING GRANITE MERESTONE
0105002	EA	SET NEW REINFORCED CONCRETE MERESTONE
0105101	EA	HORIZONTAL MERESTONE CUT
0106001	LF	TEMPORARY CONSTRUCTION FENCE
0106201	CY	TOPSOIL
0106301	SF	SOD
0106401	SF	SEEDING, MULCHING, & FERTILIZING
0106701	EA	ACER REBRUM "RED SUNSET"
0106702	EA	ACER RUBRUM COLUMNWARE "ARMSTRONG"
0106703	EA	GLEDITSIA TRIACANTHOS INERMIS "SKYLINE"
0106704	EA	PYRUS CALLERY PEAR "TRINITY"
0106705	EA	PLATANUS ACERIFOLIA "LONDON PLANE TREE"
0106706	EA	CELTIS OCCIDENTALIS "HACKBERRY"
0106707	EA	ULMUS CARPINIFOLIA "HOMESTEAD"
0106801	LF	12" WHITE PREFORMED PLASTIC PAVEMENT MARKING
0106802	LF	4" YELLOW PREFORMED PLASTIC PAVEMENT MARKING
0106803	LF	4" WHITE PREFORMED PLASTIC PAVEMENT MARKING
0106804	SF	DIRECTIONAL PREFORMED PLASTIC PAVEMENT MARKINGS
0107001	LF	12" WHITE PAINTED PAVEMENT MARKING
0107002	LF	4" YELLOW PAINTED PAVEMENT MARKINGS
0107003	LF	4" WHITE PAINTED PAVEMENT MARKINGS
0107004	SF	WHITE PAINTED PAVEMENT DIRECTIONAL MARKINGS
0107201	SF	CONSTRUCTION SIGNS
0107301	EA	CONSTRUCTION BARRICADE
0107401	EA	TRAFFIC CONES
0107501	EA	BARRICADE WARNING LIGHTS
0107601	EA	TRAFFIC DRUMS
0107701	LS	TRAFFIC POLICE OFFICER
0107801	EA/DAY	VARIABLE MESSAGE SIGN
0107901	LF	TEMPORARY PRE-CAST CONCRETE BARRIER CURB
0107902	LF	RELOCATE TEMPORARY PRE-CAST CONCRETE BARRIER CURB
0108001	SF	REMOVAL OF PAVEMENT MARKINGS
0108401	EA	TREE REMOVAL
0103201	SY	GEOTEXTILE FABRIC FOR ROAD BASE
0104901	SY	POLYPROPYLENE FABRIC FOR PAVEMENT OVERLAY
0104801	SF	GEOTEXTILE JOINT SEAL FABRIC
0104011	GAL	TACK COAT
0104021	LB	ROADWAY SURFACE CRACK SEAL
0104031	SY	SLURRY SEAL
0101101	EA	YARD BASIN
0101102	EA	AREA BASIN
0104041	LF	TEMPORARY PAVING
0104042	LF	PERMANENT PAVING
0103001	CY	ROCK EXCAVATION
0103002	CY	ROCK IN TRENCH EXCAVATION

City of Hartford, Connecticut
Standard Construction Items - Index

0103301	CY	UNSUITABLE EARTH EXCAVATION AND BACKFILL
0111401	CY	MISCELLANEOUS CONCRETE
0111402	CY	CONCRETE FOR BACKFILL
0104051	CY	REPAIR FLEXIBLE BASE ROADWAY WITH TRAPROCK
0104061	CY	REPAIR FLEXIBLE BASE ROADWAY WITH MODIFIED RIP-RAP
0102011	SF	REMOVE CONCRETE WALK
0102021	SF	RELAY BRICK SIDEWALK
0112301	EA	INSTALL HYDRANT
0112321	LF	3" DUCTILE IRON WATER MAIN
0112322	LF	4" DUCTILE IRON WATER MAIN
0112323	LF	6" DUCTILE IRON WATER MAIN
0112324	LF	8" DUCTILE IRON WATER MAIN
0112325	LF	12" DUCTILE IRON WATER MAIN
0112331	EA	TAPPING SLEEVE AND VALVE
0112341	EA	FURNISH AND INSTALL BLOWOFF ASSEMBLY
0112351	EA	4" GATE VALVE
0112352	EA	6" GATE VALVE
0112353	EA	8" GATE VALVE
0112354	EA	12" GATE VALVE
0112361	EA	INSTALL AIR VALVES
0112401	LS	DUCTILE IRON PIPE WATER MAIN APPURTENANCES AND SERVICE LATERALS
0113501	CY	CONCRETE STEPS WITH HANDRAILS
0114501	CY	CONCRETE FOR STRUCTURES
0119901	LS	CONSTRUCTION STAKING
0123001	SF	REINFORCED CONCRETE BUS PAD
0125001	LS	MAINTENANCE AND PROTECTION OF TRAFFIC
0132101	LF	4' GALVANIZED CHAIN LINK FENCE
0132102	LF	5' GALVANIZED CHAIN LINK FENCE
0132103	LF	6' GALVANIZED CHAIN LINK FENCE
0132104	LF	8' GALVANIZED CHAIN LINK FENCE
0132105	LF	10' GALVANIZED CHAIN LINK FENCE
0132106	LF	12' GALVANIZED CHAIN LINK FENCE
0132107	LF	14' GALVANIZED CHAIN LINK FENCE
0132108	LF	4' VINYL COATED GALVANIZED CHAIN LINK FENCE
0132109	LF	5' VINYL COATED GALVANIZED CHAIN LINK FENCE
0132110	LF	6' VINYL COATED GALVANIZED CHAIN LINK FENCE
0132111	LF	8' VINYL COATED GALVANIZED CHAIN LINK FENCE
0132112	LF	10' VINYL COATED GALVANIZED CHAIN LINK FENCE
0132113	LF	12' VINYL COATED GALVANIZED CHAIN LINK FENCE
0132114	LF	14' VINYL COATED GALVANIZED CHAIN LINK FENCE
0132301	EA	4' CHAIN LINK FENCE SWING GATE
0132302	EA	5' CHAIN LINK FENCE SWING GATE
0132303	EA	6' CHAIN LINK FENCE SWING GATE
0132304	EA	8' CHAIN LINK FENCE SWING GATE
0132305	EA	10' CHAIN LINK FENCE SWING GATE
0132306	EA	12' CHAIN LINK FENCE SWING GATE
0133601	LF	STEEL FENCE
0133701	LF	METAL BEAM RAIL (TYPE)

City of Hartford, Connecticut
Standard Construction Items - Index

0133702	EA	METAL BEAM RAIL R-B 350 (TYPE I, II, OR III) SECTION
0133703	EA	(TYPE) ATTACHMENT
0133704	LF	CONVERT METAL BEAM RAIL (TYPE) TO METAL BEAM RAIL (TYPE)
0133705	EA	(TYPE) CURVED GUIDE RAIL TREATMENT
0133801	EA	(TYPE) END ANCHORAGE TYPE I
0133802	EA	(TYPE) END ANCHORAGE TYPE II
0133803	EA	ANCHOR IN (TYPE) SLOPE
0135101	EA	REMOVABLE STEEL BOLLARD
0136301	LF	RELOCATE CHAIN LINK FENCE
0103011	LS	EROSION AND SEDIMENTATION CONTROL
0103021	TON	RIP RAP
0180101	LF	UTILITY TRENCHING
0180102	LF	UTILITY SERVICE LATERALS
0180103	LF	LUMINAIRE TRENCHING
0180401	SF	TEMPORARY SHEET PILING
0180402	SF	SHEET PILING LEFT IN PLACE
0180601	LS	PROTECTION AND SUPPORT FOR EXISTING UTILITIES
0180701	CY	TEST PITS
0180801	MONTH	CONSTRUCTION FIELD OFFICE
0180901	HR	SWEEPING FOR DUST CONTROL
0181001	LS	MOBILIZATION AND DEMOBILIZATION
0190001	LS	MISCELLANEOUS EXTRA WORK
		Standard Traffic Items, Group "02"
0220001	EA	LIGHT POLE FOUNDATION
0220002	EA	SPAN POLE FOUNDATION
0220003	EA	MAST ARM FOUNDATION
0220101	EA	PRECAST PEDESTAL BASE
0220202	EA	TRAFFIC CONTROLLER FOUNDATION TYPE IV
0220203	EA	TRAFFIC CONTROLLER FOUNDATION TYPE 170
0220301	EA	MODIFY EXISTING FOUNDATION
0220501	EA	REMOVE LIGHT POLE FOUNDATION 8" BELOW CURB GRADE
0220502	EA	REMOVE SPAN POLE FOUNDATION 8" BELOW CURB GRADE
0220503	EA	REMOVE LIGHT POLE FOUNDATION 24" BELOW FINISHED PAVEMENT SURFACE
0220504	EA	REMOVE SPAN POLE FOUNDATION 24" BELOW FINISHED PAVEMENT SURFACE
0220505	EA	REMOVE SPAN POLE FOUNDATION
0220506	EA	REMOVE LIGHT POLE FOUNDATION
0220601	EA	RECONSTRUCT TOP 12" OF SPAN POLE FOUNDATION
0220602	EA	RECONSTRUCT TOP 12" OF LIGHT POLE FOUNDATION
0220603	EA	RECONSTRUCT TOP 24" OF SPAN POLE FOUNDATION
0220604	EA	RECONSTRUCT TOP 24" OF LIGHT POLE FOUNDATION
0220605	EA	RECONSTRUCT TOP 36" OF LIGHT POLE FOUNDATION

City of Hartford, Connecticut
Standard Construction Items - Index

0220606	EA	RECONSTRUCT TOP 36" OF SPAN POLE FOUNDATION
0220701	EA	INSTALL CITY FURNISHED SPAN POLE
0220702	EA	INSTALL LIGHT POLE
0220915	LF	1-1/2" RIGID MEDTAL CONDUIT UNDER ROADWAY
0220920	LF	2" RIGID MEDTAL CONDUIT UNDER ROADWAY
0220925	LF	2-1/2" RIGID MEDTAL CONDUIT UNDER ROADWAY
0220930	LF	3" RIGID MEDTAL CONDUIT UNDER ROADWAY
0220935	LF	3-1/2" RIGID MEDTAL CONDUIT UNDER ROADWAY
0220940	LF	4" RIGID MEDTAL CONDUIT UNDER ROADWAY
0221015	LF	1-1/2" RIGID MEDTAL CONDUIT IN TRENCH
0221020	LF	2" RIGID MEDTAL CONDUIT IN TRENCH
0221025	LF	2-1/2" RIGID MEDTAL CONDUIT IN TRENCH
0221030	LF	3" RIGID MEDTAL CONDUIT IN TRENCH
0221035	LF	3-1/2" RIGID MEDTAL CONDUIT IN TRENCH
0221040	LF	4" RIGID MEDTAL CONDUIT IN TRENCH
0221115	LF	1-1/2" PVC CONDUIT IN ROADWAY
0221120	LF	2" PVC CONDUIT IN ROADWAY
0221125	LF	2-1/2" PVC CONDUIT IN ROADWAY
0221130	LF	3" PVC CONDUIT IN ROADWAY
0221135	LF	3-1/2" PVC CONDUIT IN ROADWAY
0221140	LF	4" PVC CONDUIT IN ROADWAY
0221215	LF	1-1/2" PVC CONDUIT IN TRENCH
0221220	LF	2" PVC CONDUIT IN TRENCH
0221225	LF	2-1/2" PVC CONDUIT IN TRENCH
0221230	LF	3" PVC CONDUIT IN TRENCH
0221235	LF	3-1/2" PVC CONDUIT IN TRENCH
0221240	LF	4" PVC CONDUIT IN TRENCH
0221301	EA	CONCRETE HANDHOLE TYPE I
0221302	EA	CONCRETE HANDHOLE TYPE II
0221303	EA	PRECAST POLYMER CONCRETE HAND HOLE TYPE I
0221304	EA	PRECAST POLYMER CONCRETE HAND HOLE TYPE II
0221501	LF	LOOP DETECTOR SAW CUT
0221601	EA	POLE REMOVAL (DAY-TIME EMERGENCY)
0221602	EA	POLE REMOVAL (EVENING/WEEKEND EMERGENCY)
0221603	EA	POLE REMOVAL (TRAFFIC SIGNAL SPAN POLE)
0221604	EA	POLE REMOVAL (STREET LIGHT POLE)
0221801	EA	ALUMINUM STREET LIGHT POLE (6' SINGLE ARM)
0221802	EA	ALUMINUM STREET LIGHT POLE (12' SINGLE ARM)
0221803	EA	ALUMINUM STREET LIGHT POLE (6' DOUBLE ARM)
0222001	LF	TRENCHING & BACKFILLING TYPE I
0222101	LF	TRENCHING & BACKFILLING TYPE II
0222201	CY	ROCK-IN-TRENCH EXCAVATION 0-4'
0222301	VF	ROCK-IN-FOUNDATION EXCAVATION
0222401	HR	CLEAN EXISTING CONDUIT
0224001	EA	CAST IRON HANDHOLE FRAME AND COVER
0224002	EA	CAST IRON HANDHOLE COVER
0260001	EA	4'-4" ALUMINUM PEDESTAL
0260002	EA	8' ALUMINUM PEDESTAL

City of Hartford, Connecticut
Standard Construction Items - Index

0260003	EA	12' ALUMINUM PEDESTAL
0260101	EA	STEEL MAST ARM ASSEMBLY
0260102	EA	STEEL COMBINATION MAST ARM ASSEMBLY
0260301	EA	STEEL SPAN POLE
0260302	EA	STEEL SPAN POLE, COMBINATION
0260401	EA	PAINT STEEL SPAN POLE
0260402	EA	PAINT STEEL FIXTURE BRACKET
0260501	EA	PAINT GALVANIZED STEEL BRACKET
0260502	EA	PAINT GALVANIZED STEEL SPAN POLE
0260503	EA	PAINT GALVANIZED STEEL MAST ARM POLE
0260802	EA	TRAFFIC SIGNAL, 1 WAY, 12", 3 SECTION SPAN WIRE
0260804	EA	TRAFFIC SIGNAL, 2 WAY, 12", 3 SECTION SPAN WIRE
0260806	EA	TRAFFIC SIGNAL, 3 WAY, 12", 3 SECTION SPAN WIRE
0260807	EA	TRAFFIC SIGNAL, 4 WAY, 12", 3 SECTION SPAN WIRE
0260809	EA	TRAFFIC SIGNAL, 1 WAY, 12", 3 SECTION MAST ARM
0260811	EA	TRAFFIC SIGNAL, 2 WAY, 12", 3 SECTION MAST ARM
0260813	EA	TRAFFIC SIGNAL, 3 WAY, 12", 3 SECTION MAST ARM
0260815	EA	TRAFFIC SIGNAL, 4 WAY, 12", 3 SECTION MAST ARM
0260817	EA	TRAFFIC SIGNAL, 1 WAY, 12", 3 POLE MOUNTED
0260819	EA	TRAFFIC SIGNAL, 1 WAY, 12", 3 SECTION PEDESTAL MOUNTED
0260821	EA	TRAFFIC SIGNAL, 1 WAY, 12", 1 SECTION
0260823	EA	TRAFFIC SIGNAL, 1 WAY, 12", 1 SECTION GREEN ARROW
0260825	EA	TRAFFIC SIGNAL, 1 WAY, 12", 1 SECTION YELLOW ARROW
0260827	EA	TRAFFIC SIGNAL, 1 WAY, 12", 1 SECTION BI-COLORED ARROW
0260901	EA	LED TRAFFIC SIGNAL LAMP UNIT RED 12"
0260902	EA	LED TRAFFIC SIGNAL LAMP UNIT RED 8"
0260903	EA	LED TRAFFIC SIGNAL LAMP UNIT GREEN 12"
0260904	EA	LED TRAFFIC SIGNAL LAMP UNIT GREEN 8"
0260905	EA	LED TRAFFIC SIGNAL LAMP UNIT YELLOW 12"
0260906	EA	LED TRAFFIC SIGNAL LAMP UNIT YELLOW 8"
0260907	EA	LED TRAFFIC SIGNAL LAMP UNIT GREEN ARROW 12"
0260908	EA	LED TRAFFIC SIGNAL LAMP UNIT BI COLORED ARROW 12"
0260909	EA	LED TRAFFIC SIGNAL LAMP UNIT YELLOW ARROW 12"
0260910	EA	LED TRAFFIC SIGNAL LAMP UNIT RED ARROW 12"
0261001	EA	PEDESTRIAN SIGNAL, 1 WAY POLE MOUNTED
0261002	EA	PEDESTRIAN SIGNAL, 2 WAY PED. SIGNAL POLE MOUNTED
0261003	EA	PEDESTRIAN SIGNAL, 1 WAY PEDESTAL MOUNTED
0261004	EA	PEDESTRIAN SIGNAL, 2 WAY PEDESTAL MOUNTED
0261005	EA	PEDESTRIAN SIGNAL, 1 AUDIBLE
0261201	EA	PEDESTRIAN PUSH BUTTON AND SIGN POLE MOUNTED
0261202	EA	PEDESTRIAN PUSH BUTTON AND SIGN PEDESTAL MOUNTED
0261203	EA	PEDESTRIAN PUSH BUTTON AND SIGN SURFACE MOUNTED
0261401	EA	TYPE 170 CONTROLLER - BASE MOUNTED
0261402	EA	TYPE 170 CONTROLLER - POLE MOUNTED
0261403	EA	TYPE 170 CONTROLLER - PEDESTAL MOUNTED
0261501	EA	MODIFIED 170 TYPE M-BASE ADAPTER
0261801	EA	AUXILIARY TERMINATION CABINET BASE MOUNTED
0262201	LF	2 CONDUCTOR #14 CABLE (LOOP LEAD-IN)

City of Hartford, Connecticut
Standard Construction Items - Index

0262202	LF	5 CONDUCTOR #14 CABLE
0262203	LF	7 CONDUCTOR #14 CABLE
0262204	LF	9 CONDUCTOR #14 CABLE
0262205	LF	12 CONDUCTOR #14 CABLE
0262206	LF	15 CONDUCTOR #14 CABLE
0262207	LF	19 CONDUCTOR #14 CABLE
0262208	LF	25 CONDUCTOR #14 CABLE
0262601	LF	COMMUNICATIONS CABLE NO. 19 AWG-3 PAIR
0262602	LF	COMMUNICATIONS CABLE NO. 19 AWG-6 PAIR
0262603	LF	COMMUNICATIONS CABLE NO. 19 AWG-12 PAIR
0262604	LF	COMMUNICATIONS CABLE NO. 19 AWG-18 PAIR
0262605	LF	COMMUNICATIONS CABLE NO. 19 AWG-25 PAIR
0262606	LF	COMMUNICATIONS CABLE NO. 19 AWG-12 PAIR IN SBC DUCT
0262607	LF	COMMUNICATIONS CABLE NO. 19 AWG-18 PAIR IN SBC DUCT
0262608	LF	COMMUNICATIONS CABLE NO. 19 AWG-25 PAIR IN SBC DUCT
0262609	LF	COMMUNICATIONS CABLE NO. 19 AWG-12 PAIR OVERHEAD
0262610	LF	COMMUNICATIONS CABLE NO. 19 AWG-18 PAIR OVERHEAD
0262611	LF	COMMUNICATIONS CABLE NO. 19 AWG-25 PAIR OVERHEAD
0262701	LF	#2 AWG COPPER CONDUCTOR
0262702	LF	#4 AWG COPPER CONDUCTOR
0262703	LF	#6 AWG COPPER CONDUCTOR
0262704	LF	#8 AWG COPPER CONDUCTOR
0262801	EA	CABLE CLOSURE
0263201	LF	MESSENGER WIRE
0263202	LF	SPAN WIRE
0263601	LS	REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT
0263801	LS	TEMPORARY SIGNALIZATION
0264001	SF	SIGN FACE SHEET ALUMINUM
0264101	EA	LED BLANKOUT SIGN
0269001	LS	SYSTEM INTEGRATION
0270001	EA	CAMERA ASSEMBLY
0270201	EA	VIDEO DRIVER/RECEIVER UNIT
0270501	EA	CAMERA BRACKET
		Standard Streetscape Items, Group "03"
0300101	EA	ORNAMENTAL LIGHT POLE FOUNDATION
0310201	EA	28' ORNAMENTAL ALUMINUM STREET LIGHT POLE
0310202	EA	28' ORNAMENTAL STEEL STREET LIGHT POLE
0310203	EA	14' ORNAMENTAL STREET LIGHT POLE MADISON
0310204	EA	14' ORNAMENTAL STREET LIGHT POLE WASHINGTON
0310501	EA	ORNAMENTAL LUMINAIRE BATTERY
0310502	EA	ORNAMENTAL LUMINAIRE HARTFORD
0310503	EA	ORNAMENTAL LUMINAIRE PARK
0310504	EA	ORNAMENTAL LUMINAIRE ROADWAY
0310601	EA	6' ORNAMENTAL BRACKET ARM

City of Hartford, Connecticut
Standard Construction Items - Index

0310602	EA	ORNAMENTAL BRACKET ARM FOR PEDESTRIAN LUMINAIRE
0310603	EA	ORNAMENTAL BRACKET ARM FOR PLANT HANGER
0310604	EA	BANNER ARMS
0310605	EA	GROUND FAULT RECEPTACLE
0310606	EA	PEDESTRIAN PUSHBUTTON POLE MOUNTED
0310701	EA	ORNAMENTAL BASE FOR POLE-TYPE I (8"-12" DIA.)
0310702	EA	ORNAMENTAL BASE FOR POLE TYPE II (12"-16" DIA.)
0310801	EA	ORNAMENTAL POLE CROWN
0310901	EA	CAST IRON WASHINGTON BOLLARD
0310902	EA	CAST IRON WASHINGTON BOLLARD ILLUMINATED
0310903	EA	CAST ALUMINUM WASHINGTON BOLLARD
0310904	EA	CAST ALUMINUM WASHINGTON BOLLARD ILLUMINATED
0310905	EA	CAST IRON OBSTRUCTION BOLLARD
0310906	EA	CAST IRON OBSTRUCTION BOLLARD ILLUMINATED
0310907	EA	CAST ALUMINUM OBSTRUCTION BOLLARD
0310908	EA	CAST ALUMINUM OBSTRUCTION BOLLARD ILLUMINATED
0320101	EA	NEW RADIAL GRANITE CURB DRIVEWAY RETURN
0320201	LF	6" X 11" NEW RADIAL GRANITE CURB SET FLUSH ON NEW FOUNDATION
0320301	LF	6" X 11" NEW STRAIGHT GRANITE CURB SET FLUSH ON NEW FOUNDATION
0320401	LF	GRANITE BANDS
0330101	SF	CONCRETE PAVERS IN MORTAR
0330201	SF	CONCRETE PAVERS ON BITUMINOUS CONCRETE
0330301	SF	CONCRETE PAVERS ON GRAVEL SURFACE
0330401	SF	CONCRETE PAVERS ON 4" CONCRETE BASE SLAB
0330501	SF	4" REINFORCED CONCRETE BASE SLAB FOR PAVERS
0340101	EA	FURNISH AND INSTALL PROJECT SIGN
0340301	EA	STREET SIGN BRACKETS FOR 14' ORNAMENTAL LIGHT POSTS
0340400	EA	SIGN POSTS AND SUPPORTS
0350101	EA	SIDEWALK DOOR
0350201	LF	TEMPORARY PEDESTRIAN ACCESS BRIDGING
0350202	LF	RELOCATE TEMPORARY PEDESTRIAN ACCESS BRIDGING
0350301	EA	BUS STOP SHELTER
0360101	SF	CONCRETE UTILITY COVER COLLAR
0360201	EA	POLYMER PULL BOX-TYPE I
0360202	EA	POLYMER PULL BOX-TYPE II
0360301	EA	TRASH RECEPTACLES
0360401	EA	TREE GRATE REMOVAL
0360501	EA	TREE GRATES
0360502	EA	TREE GUARDS