



BID ITEM LIST

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ITEM NO.	ITEM DESCRIPTION	UNIT
103000	ARTIST INVOLVEMENT	LS
104150	PROJECT SIGNS (NEW)	EA
104250	PROJECT HOTLINE	LS
105801	CONSTRUCTION SURVEYING	LS
105820	AS-BUILTS	LS
107001	PERMITS & FEES	LS
201001	CLEARING & GRUBBING	ACRE
201005	CLEARING & GRUBBING	LS
201101	REMOVE BUSINESS SIGNS	EA
205001	ROADWAY EXCAVATION	CY
205005	ROADWAY EXCAVATION	LS
206001	STRUCTURAL EXCAVATION	CY
206101	STRUCTURAL BACKFILL	CY
210001	BORROW	CY
211001	FILL	CY
215001	CHANNEL / DRAINAGE EXCAVATION	CY
215101	GRADER DITCH	LF
220401	PLAIN RIPRAP	CY
220403	DUMPED RIPRAP (WITH FABRIC)	CY
220501	GROUTED RIPRAP	CY
220502	GROUTED RIPRAP (SPECIFY THICKNESS)	SY
220551	SEEDDED RIPRAP (6" DEPTH)	SY
220601	CONCRETE RIPRAP	CY
220602	CONCRETE RIPRAP (SPECIFY THICKNESS)	SY
220702	WIRE GABIONS	CY
220703	RIPRAP BLANKET, WIRE TIED	SY
220810	PYRAMAT BANK PROTECTION	SY
301201	SUBGRADE PREPARATION	SY
301501	GRADING OUTSIDE ROADWAY	SY
310104	4" ABC	SY
310106	6" ABC	SY
310108	8" ABC	SY
310109	9" ABC	SY
310110	10" ABC	SY
310112	12" ABC	SY
310114	14" ABC	SY
310120	AGGREGATE BASE COURSE (	TON
310121	AGGREGATE BASE COURSE (	SY
310125	AGGREGATE BASE COURSE (	CY
310204	6" SELECT FILL	SY
310208	8" SELECT FILL	SY
310210	10" SELECT FILL	SY
310212	12" SELECT FILL	SY
310214	14" SELECT FILL	SY
310220	SELECT FILL	TON
311006	SOIL CEMENT BASE COURSE	TON
311007	SOIL CEMENT BASE COURSE	SY
312006	6" CEMENT TREATED BASE	SY



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312008	8" CEMENT TREATED BASE	SY
312010	10" CEMENT TREATED BASE	SY
312012	12" CEMENT TREATED BASE	SY
312014	14" CEMENT TREATED BASE	SY
312020	CEMENT TREATED BASE (	TON
312021	CEMENT TREATED BASE (	SY
321010	THICKENED PAVEMENT EDGE, MAG 201-A	LF
321011	THICKENED PAVEMENT EDGE, MAG 201-B	LF
321001	PAVEMENT SECTION NO. 1 (	SY
321002	PAVEMENT SECTION NO. 2 (	SY
321003	PAVEMENT SECTION NO. 3 (	SY
321102	2" AC A-25	SY
321103	3" AC A-25	SY
321104	4" AC A-25	SY
321106	6" AC A-25	SY
321110	ASPHALT CONCRETE A-25 (EVAC)	TON
321120	ASPHALT CONCRETE A-25 (EVAC) (	SY
321201	1 1/2" AC A-19	SY
321202	2" AC A-19	SY
321203	2 1/2" AC A-19	SY
321204	3" AC A-19	SY
321205	4" AC A-19	SY
321210	ASPHALT CONCRETE A-19 (EVAC)	TON
321220	ASPHALT CONCRETE A-19 (EVAC) (	SY
321301	1" AC A-12.5	SY
321302	1 1/2" AC A-12.5	SY
321303	2" AC A-12.5	SY
321305	ASPHALT CONCRETE A-12.5 (EVAC)	TON
321307	ASPHALT CONCRETE A-12.5 (EVAC) (	SY
321320	ASPHALT CONCRETE R-12.5 (EVAC)	TON
321322	ASPHALT CONCRETE R-12.5 (EVAC) (	SY
321324	ASPHALT CONCRETE R-19 (EVAC)	TON
321326	ASPHALT CONCRETE R-19 (EVAC) (	SY
321335	ASPHALT CONCRETE (	SY
321337	ASPHALT CONCRETE (	TON
321401	RUBBERIZED ASPHALT PAVEMENT (LOCAL STREET) (	SY
321403	RUBBERIZED ASPHALT PAVEMENT (LOCAL STREET)	TON
321405	RUBBERIZED ASPHALT PAVEMENT (MAJOR STREET) (	SY
321407	RUBBERIZED ASPHALT PAVEMENT (MAJOR STREET)	TON
321421	RUBBERIZED ASPHALT PAVEMENT (	SY
321423	RUBBERIZED ASPHALT PAVEMENT (	TON
321501	1" RECYCLED ASPHALT PAVEMENT	SY
321502	1 1/2" RECYCLED ASPHALT PAVEMENT	SY
321503	2" RECYCLED ASPHALT PAVEMENT	SY
321510	RECYCLED ASPHALT PAVEMENT (	SY
321801	EXTRUDED ASPHALT CURB	LF
321901	SPEED BUMPS	EA
321902	SPEED HUMPS	EA



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322001	1" OVERLAY A-9.5	SY
322002	1" OVERLAY A-12.5	SY
322003	1 1/2" OVERLAY A-12.5	SY
322004	2" OVERLAY A-19	SY
322010	AC OVERLAY (	SY
324104	4" PCC PAVEMENT, (CLASS B)	SY
324105	5" PCC PAVEMENT, (CLASS B)	SY
324106	6" PCC PAVEMENT, (CLASS A)	SY
324107	7" PCC PAVEMENT, (CLASS A)	SY
324108	8" PCC PAVEMENT, (CLASS A)	SY
324121	PCC PAVEMENT (	SY
324122	PCC PAVEMENT (	SY
324131	PCC PAVEMENT (	CY
324132	PCC PAVEMENT (	CY
329101	TACK COAT	SY
329102	BITUMINOUS TACK COAT (EMULSIFIED ASPHALT)	TON
330101	CHIP SEAL	SY
332201	ASPHALT EMULSION SLURRY SEAL- TYPE I	SY
332202	ASPHALT EMULSION SLURRY SEAL- TYPE II	SY
334201	PRESERVATIVE SEAL	SY
335201	HOT-ASPHALT RUBBER SEAL	SY
336001	SAWCUT PAVEMENT	LF
336301	PAVEMENT REPLACEMENT, COS 2200	SY
340001	VERT CURB & GUTTER, MAG 220 TYPE "A"	LF
340002	VERTICAL CURB & GUTTER, COS 2220 TYPE "A"	LF
340003	MOUNTABLE CURB AND GUTTER, COS 2221 TYPE "M"	LF
340005	CURB & GUTTER (	LF
340006	CURB & GUTTER (	LF
340007	CURB & GUTTER (	LF
340010	CURBWALL, COS 2221 TYPE "W"	LF
340021	RIBBON CURB, MAG 220 TYPE "B"	LF
340023	RIBBON CURB, COS 2220 TYPE "B"	LF
340041	ROLL CURB & GUTTER, MAG 220 TYPE "C"	LF
340042	ROLL CURB & GUTTER, MAG 220 TYPE "D"	LF
340061	SINGLE CURB, MAG 222 TYPE "A"	LF
340062	SINGLE CURB, MAG 222 TYPE "B"	LF
340065	SINGLE CURB, (	LF
340066	SINGLE CURB, (	LF
340067	SINGLE CURB, (	LF
340081	6" EXTRUDED CONCRETE CURB	LF
340121	CUT-OFF WALL, COS 2228	LF
340204	CONCRETE SIDEWALK, MAG 230	SF
340205	CONCRETE SIDEWALK, MAG 230 (5" THICK)	SF
340206	CONCRETE SIDEWALK, MAG 230 (6" THICK)	SF
340209	CONCRETE SIDEWALK (	SF
340215	CONCRETE MULTI-USE PATH (5" THICK)	SF
340216	CONCRETE MULTI-USE PATH (6" THICK)	SF
340221	MEDIAN NOSE PAVING, COS 2226	SF



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340241	TEXTURED CONCRETE SIDEWALK	SF
340242	STAMPED CONCRETE SIDEWALK	SF
340243	EXPOSED AGGREGATE SIDEWALK	SF
340261	SIDEWALK RAMP, MAG 231 TYPE "A"	EA
340262	SIDEWALK RAMP, MAG 232 TYPE "B"	EA
340263	SIDEWALK RAMP, MAG 233 TYPE "C"	EA
340264	SIDEWALK RAMP, MAG 234 TYPE "D"	EA
340265	SIDEWALK RAMP, COS 2232	EA
340266	SIDEWALK RAMP, COS 2233 TYPE "A"	EA
340267	SIDEWALK RAMP, COS 2233 TYPE "B"	EA
340268	SIDEWALK RAMP, COS 2234	EA
340269	SIDEWALK RAMP, COS 2235 TYPE "A"	EA
340270	SIDEWALK RAMP, COS 2235 TYPE "B"	EA
340275	SIDEWALK RAMP (	SF
340276	SIDEWALK RAMP (	EA
340280	DETECTABLE WARNING SURFACE, COS 2231	SF
340301	CONCRETE VALLEY GUTTER, MAG 240	SF
340302	CONCRETE VALLEY GUTTER, COS 2240	SF
340406	DRIVEWAY ENTRANCE, COS 2250	SF
340408	DRIVEWAY ENTRANCE, MAG 250 (8" THICK)	SF
340409	DRIVEWAY ENTRANCE, ADOT C-05.20 (8" THICK)	SF
340508	ALLEY ENTRANCE, MAG 260 (8" THICK)	SF
340509	ALLEY ENTRANCE, MAG 261 (8" THICK)	SF
340601	SCUPPER, MAG 206-1	EA
340602	SCUPPER, MAG 203	EA
342003	MEDIAN PAVERS, COS 2239 (TYPE A)	SF
342004	MEDIAN PAVERS, COS 2239 (TYPE B)	SF
342082	TEXTURED CONCRETE-TRAFFIC AREA	SF
343002	EXPOSED AGGREGATE (DECORATIVE)	SF
343101	ASPHALT PRINT PAVING	SF
345001	ADJUST MANHOLE FRAME & COVER, COS 2270	EA
345002	ADJUST VALVE BOX & COVER, COS 2270	EA
345011	ADJUST FRAME & COVER FOR SURVEY MONUMENT, MAG 120	EA
345102	REPLACE VALVE BOX & COVER, COS 2270	EA
345201	ADJUST WATER METER BOX, MAG 320	EA
345301	ADJUST AIR/VACUUM RELEASE VALVE	EA
350001	REMOVE AC PAVEMENT	SY
350009	REMOVE AC PAVEMENT (MILLING) (1/2") (Per ADOT Spec 202-3.03C)	SY
350011	REMOVE AC PAVEMENT (MILLING) (1") (Per ADOT Spec 202-3.03C)	SY
350016	REMOVE AC PAVEMENT (MILLING) (1 1/2") (Per ADOT Spec 202-3.03C)	SY
350017	REMOVE AC PAVEMENT (MILLING) (2") (Per ADOT Spec 202-3.03C)	SY
350018	REMOVE AC PAVEMENT (MILLING) (2 1/2") (Per ADOT Spec 202-3.03C)	SY
350019	REMOVE AC PAVEMENT (MILLING) (	SY
350021	REMOVE CONCRETE PAVEMENT	SY
350031	REMOVE VALLEY GUTTER	SF
350041	REMOVE CURB & GUTTER	LF
350042	REMOVE CURB	LF
350045	REMOVE CONCRETE PAVER CROSSWALK	SF



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350051	SAWCUT & REMOVE CURB FROM GUTTER	LF
350061	REMOVE CONCRETE SIDEWALK, DRIVEWAYS & SLABS	SF
350062	REMOVE MULTI USE PATH	SF
350081	REMOVE CONCRETE DRIVEWAY	SF
350082	REMOVE DRAINAGE HEADWALL	EA
350102	REMOVE 2' MASONRY WALL	LF
350104	REMOVE 4' MASONRY WALL	LF
350106	REMOVE 6' MASONRY WALL	LF
350108	REMOVE 8' MASONRY WALL	LF
350109	REMOVE WALL	LF
350111	REMOVE FENCE	LF
350112	REMOVE GUARD RAIL	LF
350190	RELOCATE BACKFLOW PREVENTOR WITH CAGE & PAD	EA
350201	REMOVE PIPES (LESS THAN 24" Dia.)	LF
350221	REMOVE PIPES (24" Dia. TO 48" Dia.)	LF
350241	REMOVE PIPES (54" Dia. TO 96" Dia.)	LF
350261	REMOVE PIPES (GREATER THAN 96" Dia.)	LF
350265	REMOVE PIPE	LF
350280	REMOVE CATCH BASIN	EA
350301	REMOVE IRRIGATION STRUCTURE	EA
350303	REMOVE MANHOLE	EA
350311	REMOVE SURVEY MONUMENT	EA
350321	REMOVE GROUTED RIPRAP/GUNITE	SY
350322	REMOVE GABIONS	CY
350323	REMOVE STRUCTURE (ADOT CONC CHANNEL)	SY
350501	REMOVE TREES (12" Dia. TO 24" Dia.)	EA
350541	REMOVE TREES (GREATER THAN 24" Dia.)	EA
350601	REMOVE TRAFFIC MARKINGS	LF
350602	REMOVE TRAFFIC MARKINGS 4" EQUIV, COS SUPPL. SPEC. 350)	LF
350603	REMOVE TRAFFIC MARKINGS, SLURRY	LF
350604	REMOVE SIGN, POST & POST BASE	EA
350605	RELOCATE SIGN W/ NEW POST & POST BASE	EA
350606	RELOCATE SIGN PANEL	EA
350607	RELOCATE SIGN, POST & POST BASE	EA
350630	REMOVE TRAFFIC SIGNALS	LS
350632	REMOVE PULL BOX	EA
350633	RELOCATE PULL BOX	EA
350635	REMOVE & SALVAGE TRAFFIC SIGNALS	LS
350636	REMOVE & SALVAGE TRAFFIC SIGNAL POLE	EA
350638	REMOVE EXISTING FOUNDATION (36" MIN. BELOW FINISHED GRADE)	EA
350645	RELOCATE TRAFFIC SIGNAL POLE	EA
350655	REMOVE STREETLIGHT POLE	EA
350657	REMOVE & SALVAGE STREETLIGHT POLE	EA
350660	RELOCATE STREETLIGHT POLE	EA
350701	REMOVE UNDERGROUND STORAGE TANK	LS
350702	REMOVE CONTAMINATED SOIL	CY
350710	REMOVE (LS
350711	REMOVE (EA



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350712	REMOVE (EA
350713	REMOVE (LF
350714	REMOVE (SF
350715	REMOVE (SY
350716	REMOVE (CY
350801	MISC. REMOVALS AND OTHER WORK	LS
350901	REMOVE AND RELOCATE BRICK PAVERS	SF
350902	REMOVE AND RELOCATE CHAIN LINK FENCING	LF
350904	MISCELLANEOUS RELOCATIONS	LS
350905	RELOCATE IRRIGATION CONTROL VALVE	EA
350906	REMOVE CHAIN LINK FENCE	LF
401001	TRAFFIC CONTROL	LS
401101	OFF-DUTY POLICE OFFICER	HR
401200	INTERCHANGE ACTIVATION	LS
402101	WHITE STRIPE 60MIL THERMO PLASTIC 4" EQUIV	LF
402102	YELLOW STRIPE 60MIL THERMO PLASTIC 4" EQUIV	LF
402104	WHITE STRIPE 90MIL THERMO PLASTIC 4" EQUIV	LF
402106	YELLOW STRIPE 90MIL THERMO PLASTIC 4" EQUIV	LF
402111	WHITE STRIPE PAINT 4" EQUIV	LF
402112	YELLOW STRIPE PAINT 4" EQUIV	LF
402120	PAVEMENT LEGEND PREFORMED	EA
402121	PAVEMENT SYMBOLS PREFORMED	EA
402122	BIKE LANE SYMBOL PREFORMED	EA
402123	BIKE LANE ARROW PREFORMED	EA
402131	PAVEMENT LEGEND AND SYMBOL (PAINT)	EA
402136	PAINT MEDIAN NOSE, COS 2226	LF
402138	RAISED PAVEMENT MARKERS, TYPE "A" (COS 2132, ADOT M-19)	EA
402140	RAISED PAVEMENT MARKERS, TYPE "C" (COS 2132, ADOT M-19)	EA
402141	RAISED PAVEMENT MARKERS, TYPE "D" (COS 2132, ADOT M-19)	EA
402142	RAISED PAVEMENT MARKERS, TYPE "G" (COS 2132, ADOT M-19)	EA
402143	RAISED PAVEMENT MARKERS, TYPE "H" (ADOT M-19)	EA
402144	RAISED PAVEMENT MARKERS, TYPE "BB" (COS 2363, 2364)	EA
402145	RAISED PAVEMENT MARKERS, DAGMARS (8")	EA
402150	FLEXIBLE MARKERS	EA
402301	METRO STREET SIGN	SF
402401	REFLECTIVE TRAFFIC SIGN PANEL	SF
402411	TELESPAR SIGN POST, COS 2131	LF
402412	TELESPAR SIGN POST BASE ASSEMBLY (SLEEVE & ANCHOR), COS 2131	EA
402500	OBJECT MARKER SIGN PANEL TYPE 1, COS 2133	EA
402501	OBJECT MARKER SIGN PANEL TYPE 2H, COS 2133	EA
402502	DELINEATORS	EA
402611	BARRICADE, MAG 130-B	LF
403001	ELECTRICAL CONDUIT (1 1/2") (PVC)	LF
403002	ELECTRICAL CONDUIT (2") (PVC)	LF
403003	ELECTRICAL CONDUIT (2 1/2") (PVC)	LF
403004	ELECTRICAL CONDUIT (3") (PVC)	LF
403005	ELECTRICAL CONDUIT (4") (PVC)	LF
403006	ELECTRICAL CONDUIT (5") (PVC)	LF



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403007	ELECTRICAL CONDUIT (6") (PVC)	LF
403008	ELECTRICAL CONDUIT (1") (LF
403009	ELECTRICAL CONDUIT (1 1/2") (LF
403010	ELECTRICAL CONDUIT (2") (	LF
403011	ELECTRICAL CONDUIT (2 1/2") (	LF
403012	ELECTRICAL CONDUIT (3") (	LF
403013	ELECTRICAL CONDUIT (4") (	LF
403014	ELECTRICAL CONDUIT (5") (	LF
403015	ELECTRICAL CONDUIT (6") (	LF
403016	ELECTRICAL CONDUIT (4-1 1/2") (HDPE)	LF
403017	ELECTRICAL CONDUIT (5") (GRC)	LF
403020	ELECTRICAL CONDUIT (	LF
403021	ELECTRICAL CONDUIT (	LF
403022	ELECTRICAL CONDUIT (	LF
403023	ELECTRICAL CONDUIT (	LF
403024	ELECTRICAL CONDUIT (	LF
403025	ELECTRICAL CONDUIT (	LF
403026	ELECTRICAL CONDUIT (	LF
403030	ELECTRICAL CONDUIT	LS
403034	CONDUIT IN BRIDGE (	LF
403035	CONDUIT IN BRIDGE (	LS
403051	LEAD-IN CONDUCTOR WIRE	LF
403052	SINGLE MODE FIBER OPTIC CABLE (8 Fibers) (SMF08)	LF
403053	SINGLE MODE FIBER OPTIC CABLE (12 Fibers) (SMF012)	LF
403054	SINGLE MODE FIBER OPTIC CABLE (24 Fibers) (SMF024)	LF
403055	SINGLE MODE FIBER OPTIC CABLE (48 Fibers) (SMFO48)	LF
403056	SINGLE MODE FIBER OPTIC CABLE (96 Fibers) (SMFO96)	LF
403057	SINGLE MODE FIBER OPTIC CABLE (144 Fibers) (SMFO144)	LF
403060	SINGLE MODE FIBER OPTIC CABLE (	LF
403061	SINGLE MODE FIBER OPTIC CABLE (	LF
403062	SINGLE MODE FIBER OPTIC CABLE (	LF
403063	SINGLE MODE FIBER OPTIC CABLE (	LF
403065	MULTI MODE FIBER OPTIC CABLE (4 Fibers) (MMFO4)	LF
403066	MULTI MODE FIBER OPTIC CABLE (8 Fibers) (MMFO8)	LF
403067	MULTI MODE FIBER OPTIC CABLE (18 Fibers) (MMFO18)	LF
403070	MULTI MODE FIBER OPTIC CABLE (	LF
403071	MULTI MODE FIBER OPTIC CABLE (	LF
403072	MULTI MODE FIBER OPTIC CABLE (	LF
403080	INNERDUCT (1")	LF
403101	TRAFFIC SIGNAL EQUIPMENT, INTER 'A'	LS
403102	TRAFFIC SIGNAL EQUIPMENT, INTER 'B'	LS
403103	TRAFFIC SIGNAL EQUIPMENT, INTER 'C'	LS
403220	ELECTRIC SERVICE CABINET FOUNDATION	EA
403221	ELECTRIC SERVICE CABINET (MEYERS)	EA
403241	COMMUNICATIONS CABINET (ITS)	EA
403243	COMMUNICATIONS CABINET FOUNDATION (TYPE 343)	EA
403245	UPS CABINET	EA
403247	UPS CABINET FOUNDATION	EA



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403301	TRAFFIC SIGNAL POLE, (TYPE A)	EA
403305	TRAFFIC SIGNAL POLE, (TYPE F)	EA
403309	TRAFFIC SIGNAL POLE, (TYPE J)	EA
403312	TRAFFIC SIGNAL POLE, (TYPE Q)	EA
403315	TRAFFIC SIGNAL POLE, (TYPE R)	EA
403318	TRAFFIC SIGNAL POLE, (TYPE R) (CCTV) (35')	EA
403325	TRAFFIC SIGNAL POLE, (TYPE T) (CCTV) (35')	EA
403350	POLE (DYNAMIC MESSAGE SIGN)	EA
403425	MAST ARMS, 25' LENGTH	EA
403430	MAST ARMS, 30' LENGTH	EA
403435	MAST ARMS, 35' LENGTH	EA
403440	MAST ARMS, 40' LENGTH	EA
403445	MAST ARMS, 45' LENGTH	EA
403450	MAST ARMS, 50' LENGTH	EA
403455	MAST ARMS, 55' LENGTH	EA
403460	LUMINAIRE MAST ARM, 15' LENGTH	EA
403465	LUMINAIRE MAST ARM, 20' LENGTH	EA
403501	FOUNDATIONS--PER POLE	EA
403502	POLE FOUNDATION (TYPE A)	EA
403506	POLE FOUNDATION (TYPE F)	EA
403510	POLE FOUNDATION (TYPE J)	EA
403513	POLE FOUNDATION (TYPE Q)	EA
403516	POLE FOUNDATION (TYPE R)	EA
403524	POLE FOUNDATION (TYPE T)	EA
403530	POLE FOUNDATION (DMS)	EA
403600	TRAFFIC SIGNAL FACE (PEDESTRIAN) (MAN/HAND) (LED)	EA
403603	TRAFFIC SIGNAL FACE (TYPE C)	EA
403605	TRAFFIC SIGNAL FACE (TYPE F)	EA
403607	TRAFFIC SIGNAL FACE (TYPE G)	EA
403610	TRAFFIC SIGNAL FACE (TYPE Q)	EA
403611	TRAFFIC SIGNAL FACE (TYPE R)	EA
403615	TRAFFIC SIGNAL FACE (TYPE	EA
403620	PEDESTRIAN PUSH BUTTON	EA
403625	TRAFFIC SIGNAL MOUNTING ASSEMBLY (TYPE I)	EA
403626	TRAFFIC SIGNAL MOUNTING ASSEMBLY (TYPE II)	EA
403628	TRAFFIC SIGNAL MOUNTING ASSEMBLY (TYPE IV)	EA
403629	TRAFFIC SIGNAL MOUNTING ASSEMBLY (TYPE V)	EA
403630	TRAFFIC SIGNAL MOUNTING ASSEMBLY (TYPE VI)	EA
403631	TRAFFIC SIGNAL MOUNTING ASSEMBLY (TYPE VII)	EA
403633	TRAFFIC SIGNAL MOUNTING ASSEMBLY (TYPE IX)	EA
403640	TRAFFIC SIGNAL MOUNTING ASSEMBLY (	EA
403700	CONTROL CABINET FOUNDATION	EA
403701	CONTROL CABINET (MODEL 330)	EA
403702	CONTROL CABINET (MODEL 332)	EA
403704	CONTROLLER (TYPE 170)	EA
403705	CONTROLLER (EA
403709	MISCELLANEOUS WORK (LS
403710	MISCELLANEOUS WORK (LS



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403711	MISCELLANEOUS WORK (LS
403720	SYSTEM INTEGRATION	LS
403901	MISCELLANEOUS TRAFFIC SIGNALIZATION	LS
403903	OPTICOM PRE-EMPTION UNIT	EA
403904	LUMINAIRE HORIZ MT HPS 250 WATT	EA
403905	PHOTO ELEC CELL	EA
403910	CONDUCTOR (NO. 4)	LF
403915	CONDUCTOR (NO. 7)	LF
403925	CONDUCTOR (NO. 20)	LF
403935	CONDUCTOR (NO.	LF
403940	CONDUCTORS (	LF
403945	CONDUCTORS	LS
404001	SIGNAL DETECTOR LOOPS (6' x 40'), COS 2137	EA
404002	COUNTER DETECTOR LOOPS (6 x 6)	EA
404003	SIGNAL DETECTOR LOOPS (6' x 40') (QUADRUPOLE), COS 2137	EA
404011	SIGNAL DETECTOR SYSTEM (PER INTERSECTION)	LS
404012	COUNTER DETECTOR SYSTEM (COMPLETE)	LS
404020	CLOSED CIRCUIT TELEVISION ASSEMBLY (CCTV)	EA
404030	FIBER OPTIC SPLICE CLOSURE	EA
404050	DYNAMIC MESSAGE SIGN(S)	LS
404101	VIDEO DETECTOR SYSTEM COMPLETE	LS
404202	NO. 5 PULL BOX, ADOT	EA
404204	NO. 7 PULL BOX, ADOT	EA
404205	NO. 7 PULL BOX WITH EXTENSION, ADOT	EA
404210	NO 9 PULL BOX	EA
404401	FIBER OPTIC COMMUNICATIONS EQUIPMENT	LS
405001	SURVEY MONUMENT, MAG 120, TYPE "A"	EA
405101	SURVEY MONUMENT, MAG 120, TYPE "B"	EA
405201	SURVEY MONUMENT, MAG 120, TYPE "C"	EA
410103	PRECAST SAFETY CURB, 3' LONG	EA
410104	PRECAST SAFETY CURB, 4' LONG	EA
410106	PRECAST SAFETY CURB, 6' LONG	EA
415001	GUARD RAIL, MAG 135	LF
415101	G4 W BEAM (TIMBER POST) ADOT C-10.20	LF
415102	G4 W BEAM (STEEL POST) ADOT C-10.21	LF
415201	END TERMINAL ASSY ADOT C-10.45	EA
415206	SEQUENTIAL KINKING TERMINAL (SKT)	EA
415301	W BEAM TRANSITION TO CONC BARRIER	EA
418101	GUARD POSTS, MAG 150	EA
420006	6' CHAIN LINK FENCE	LF
420007	7' CHAIN LINK FENCE	LF
420010	SPLIT RAIL FENCE	LF
424001	PARKWAY GRADING	SY
430000	DECOMPOSED GRANITE (3/4"), COS 2620	CY
430001	DECOMPOSED GRANITE, COS 2620 (	SY
430003	DECOMPOSED GRANITE, (STABILIZED)	SY
430004	RIVER-RUN ROCK	SY
430006	RESODDING	SY



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ITEM NO.	ITEM DESCRIPTION	UNIT
430008	HYDROSEEDING	SY
430009	HYDROSEEDING	ACRE
430010	GRANITE LANDSCAPE BOULDER (	EA
430011	GRANITE LANDSCAPE BOULDER (2' DIA +- 6")	EA
430101	GROUND COVER, 1 GAL. (COS 2620)	EA
430102	GROUND COVER, 5 GAL. (COS 2620)	EA
430201	SHRUBS, 1 GAL. (COS 2620)	EA
430202	SHRUBS, 5 GAL. (COS 2620)	EA
430301	TREES, 5 GAL. (COS 2620)	EA
430302	TREES, 15 GAL. (COS 2620)	EA
430303	TREES, 24" BOX (COS 2600 & 2620)	EA
430304	TREES, 36" BOX (COS 2600 & 2620)	EA
430306	TREES, 42" BOX (COS 2600 & 2620)	EA
430308	TREES, 48" BOX (COS 2600 & 2620)	EA
430401	PALM TREES, TO 30' (COS 2620)	EA
430402	PALM TREES, 30'+ (COS 2620)	EA
430501	SAGUARO (COS 2620)	LF
430602	SALVAGE & RELOCATE NATIVE CACTI (COS 2620)	LF
430611	RELOCATE PALMS (COS 2620)	EA
430621	SALVAGE & RELOCATE NATIVE TREES (COS 2620)	EA
430631	RELOCATE TREE (COS 2620)	EA
430701	NATIVE PLANT SALVAGE/STORAGE	LS
430811	MEDIAN LANDSCAPING	LS
430821	BACK OF CURB LANDSCAPING	LS
430831	LANDSCAPE RESTORATION (PRIV. PROP.)	LS
430835	LANDSCAPING	LS
440001	BACKFLOW PREVENTER WITH CAGE (3/4") & PAD	EA
440002	BACKFLOW PREVENTER WITH CAGE (1") & PAD	EA
440003	BACKFLOW PREVENTER WITH CAGE (1 1/2") & PAD	EA
440004	BACKFLOW PREVENTER WITH CAGE (2") & PAD	EA
440007	BACKFLOW PREVENTER WITH CAGE (4") & PAD	EA
440010	BACKFLOW PREVENTER WITH CAGE (6") & PAD	EA
440015	BACKFLOW PREVENTER WITH CAGE & PAD (	EA
440101	CONTROL CABINET WITH CLOCK	EA
440201	IRRIGATION PIPING	LF
440261	IRRIGATION SLEEVING	LF
440301	IRRIGATION CONTROL VALVES	EA
440321	PRESSURE REGULATOR VALVES	EA
440341	IRRIGATION GATE VALVES	EA
440361	IRRIGATION FLUSH VALVES	EA
440401	IRRIGATION VALVE BOXES	EA
440501	IRRIGATION EMITTERS	EA
440521	IRRIGATION BUBBLERS	EA
440541	IRRIGATION SPRAY HEADS	EA
440701	IRRIGATION WIRING	LF
440801	MISC. IRRIGATION ITEMS	LS
440830	LANDSCAPE AND IRRIGATION SYSTEM MODIFICATION	LS
440911	MEDIAN IRRIGATION SYSTEM (DRIP)	LS



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ITEM NO.	ITEM DESCRIPTION	UNIT
440912	MEDIAN IRRIGATION SYSTEM (BUBBLER)	LS
440921	BACK OF CURB IRRIGATION	LS
440931	IRRIGATION RESTORATION (PRIVATE PROPERTY)	LS
502054	DRILLED SHAFT FOUNDATION (	LF
505001	CATCH BASIN, MAG 530 (V=8' OR LESS)	EA
505002	CATCH BASIN, MAG 530 (V IS BETWEEN 8' AND 10')	EA
505011	CATCH BASIN, MAG 531 (V=8' OR LESS)	EA
505012	CATCH BASIN, MAG 531 (V IS BETWEEN 8' AND 10')	EA
505021	CATCH BASIN, MAG 532 (V=8' OR LESS)	EA
505022	CATCH BASIN, MAG 532 (V IS BETWEEN 8' AND 10')	EA
505031	CATCH BASIN, MAG 533 (L=3') (ONE SIDE)	EA
505032	CATCH BASIN, MAG 533 (L=6') (ONE SIDE)	EA
505033	CATCH BASIN, MAG 533 (L=10') (ONE SIDE)	EA
505034	CATCH BASIN, MAG 533 (L=17') (ONE SIDE)	EA
505036	CATCH BASIN, MAG 533 (L=3') (EACH SIDE)	EA
505037	CATCH BASIN, MAG 533 (L=6') (EACH SIDE)	EA
505038	CATCH BASIN, MAG 533 (L=10') (EACH SIDE)	EA
505039	CATCH BASIN, MAG 533 (L=17') (EACH SIDE)	EA
505041	CATCH BASIN, MAG 534	EA
505045	CATCH BASIN, MAG 535; (COS 2535 GRATE)	EA
505051	CATCH BASIN, MAG 537; SINGLE (COS 2535 GRATE)	EA
505052	CATCH BASIN, MAG 537; DOUBLE (COS 2535 GRATE)	EA
505055	CATCH BASIN, MAG 538; SINGLE (COS 2535 GRATE)	EA
505056	CATCH BASIN, MAG 538; DOUBLE (COS 2535 GRATE)	EA
505071	CATCH BASIN, COP 1569 TYPE M, L=0	EA
505072	CATCH BASIN, COP 1569 TYPE M-1, L=3'	EA
505073	CATCH BASIN, COP 1569 TYPE M-1, L=6'	EA
505074	CATCH BASIN, COP 1569 TYPE M-1, L=10'	EA
505075	CATCH BASIN, COP 1569 TYPE M-1, L=17'	EA
505076	CATCH BASIN, COP 1569 TYPE M-2, L=3'	EA
505077	CATCH BASIN, COP 1569 TYPE M-2, L=6'	EA
505078	CATCH BASIN, COP 1569 TYPE M-2, L=10'	EA
505079	CATCH BASIN, COP 1569 TYPE M-2, L=17'	EA
505085	CATCH BASIN, COP 1570 (SINGLE)	EA
505086	CATCH BASIN, COP 1570 (DOUBLE)	EA
505087	CATCH BASIN, COP 1570 (TRIPLE)	EA
505091	CATCH BASIN, COP 1571	EA
505095	CATCH BASIN, COP 1572 (SINGLE)	EA
505096	CATCH BASIN, COP 1572 (DOUBLE)	EA
505097	CATCH BASIN, COP 1572 (TRIPLE)	EA
505101	CATCH BASIN (	EA
505102	CATCH BASIN (	EA
505111	DRY WELL	EA
505126	CONCRETE HEADWALL ADOT B-11.11	EA
505131	CONCRETE HEADWALL	CY
505132	CONCRETE HEADWALL	EA
505133	CONCRETE HEADWALL, MAG 501 12" to 36"	EA
505134	CONCRETE HEADWALL, MAG 501 42" to 84"	EA



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ITEM NO.	ITEM DESCRIPTION	UNIT
505136	CONCRETE HEADWALL (EA
505137	HEADWALL DROP INLET, MAG 501 - 5	EA
505140	SPILLWAY, MAG 550	EA
505141	CATCH BASIN APRON ADOT C-15.81 MOD	EA
505191	SPECIAL CONCRETE DETAILS	EA
505192	SPECIAL CONCRETE DETAILS	LS
505201	CONC BARRIER & TRANSITION w RAILING	LF
505202	COMB PED TRAFFIC BRIDGE RAILING	LF
505203	DECK JT ASSY (COMP SEAL) ADOT SD 2.01	LF
505204	RESTRAINERS VERT EARTHQUAKE FIXED	EA
505205	RESTRAINERS VERT EARTHQUAKE EXP	EA
505206	PRESTRESSING CAST IN PLACE	LS
505401	BOX CULVERTS	CY
505402	BOX CULVERTS	LF
505460	INLET WINGS & HEADWALL ADOT STD B-04.30	EA
505461	BOX CULVERT WINGS	CY
505462	BOX CULVERT WINGS	EA
505481	BOX CULVERT APRON	CY
505482	BOX CULVERT APRON	SF
505501	REINFORCING STEEL	LB
505503	REINFORCING STEEL	LS
505507	REINFORCING STEEL (	LB
505511	REINFORCING STEEL (EPOXY COATED)	LB
505601	SLAB BRIDGE	CY
505602	SLAB BRIDGE	SY
505606	STRUCTURAL CONCRETE CL A 3000psi	CY
505607	STRUCTURAL CONCRETE CL A 3500psi	CY
505608	STRUCTURAL CONCRETE CL AA 4000psi	CY
505609	STRUCTURAL CONCRETE CL AA 4500psi	CY
505611	GIRDER BRIDGE	CY
505612	GIRDER BRIDGE	SY
505621	APPROACH SLAB (	SF
505622	APPROACH SLAB (	SF
505631	ANCHOR SLAB (	SF
505632	ANCHOR SLAB (	SF
505701	HALF-BARRIER (PRECAST) ADOT C-10.61	LF
505703	MEDIAN BARRIER (PRECAST) ADOT C-10.68	LF
505705	BARRIER TRANSITION (TANGENT) ADOT C-10.75	LF
505707	BARRIER TRANSITION (CURVE) ADOT C-10.76	LF
505721	CONCRETE BRIDGE BARRIER (	LF
505722	CONCRETE BRIDGE BARRIER (	LF
505806	6' CONCRETE RETAINING WALL ADOT B - 18.10	LF
505808	8' CONCRETE RETAINING WALL ADOT B - 18.10	LF
505810	10' CONCRETE RETAINING WALL ADOT B - 18.10	LF
505815	15' CONCRETE RETAINING WALL ADOT B - 18.10	LF
505820	20' CONCRETE RETAINING WALL ADOT B - 18.10	LF
505822	CONCRETE RETAINING WALL, ADOT B - 18.10 & ADOT Spec. Sec. 914	SF
505825	RETAINING WALL (LF



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ITEM NO.	ITEM DESCRIPTION	UNIT
505826	RETAINING WALL (SF
505850	ARCHITECTURAL SURFACE TREATMENTS	LS
505901	CONCRETE CUTOFF WALL COS 2228	LF
505902	MSE WALL	SF
505903	SPECIALITIES	EA
505904	SPECIALITY ITEM MSE WALL (4ft)	LS
505905	STORM WTR POLUTION PREVENTATION PLAN	LS
506211	PRECAST, P/S MEMBER (AASHTO TYPE 2 GIRDER)	LF
506212	PRECAST, P/S MEMBER (AASHTO TYPE 3 GIRDER)	LF
506213	PRECAST, P/S MEMBER (AASHTO TYPE 4 GIRDER)	LF
506214	PRECAST, P/S MEMBER (AASHTO TYPE 5 GIRDER)	LF
506215	PRECAST, P/S MEMBER (AASHTO TYPE 6 GIRDER)	LF
510004	4' MASONRY RETAINING WALL ADOT B-18.50	LF
510006	6' MASONRY RETAINING WALL ADOT B-18.50	LF
510008	8' MASONRY RETAINING WALL ADOT B-18.50	LF
510011	MASONRY RETAINING WALL, ADOT B-18.50 & ADOT Spec. Sec. 914	SF
510021	CONCRETE BARRIER WALL, ADOT B-30.10 & ADOT Spec. Sec. 914	SF
510030	MASONRY BARRIER WALL, ADOT B-30.20 & ADOT Spec. Sec. 914	SF
510050	WALL (	LF
510051	WALL (	SF
515101	BUS SHELTER, PAD & EQUIPMENT, COS 2265	EA
515110	BUS STOP PAD & EQUIPMENT, COS 2268	EA
515205	BENCH FOR BUS STOP	EA
515210	DOUBLE BIKE RACK, COS 2285	EA
515220	TRASH RECEPTICAL FOR BUS STOP	EA
515230	BUS SHELTER EQUIPMENT	LS
515901	ACCESS BARRIER COS 2562	EA
515902	TRASH RACK MAG 502	EA
520001	STEEL HANDRAILS, COS 2508	LF
520002	ALUMINUM HANDRAILS, COS 2508	LF
520009	HANDRAIL (	LF
520010	HANDRAIL (	LF
522202	WROUGHT IRON FENCES (SPECIFY HEIGHT)	LF
522301	CHAIN LINK FENCE ADOT C-12.20 TYPE 1	LF
522401	WROUGHT IRON GATES (SPECIFY DIMS)	EA
525003	3" NON-REINFORCED GUNITE	SY
525004	4" NON-REINFORCED GUNITE	SY
525006	NON-REINFORCED GUNITE (3" TO 6" THICK)	SY
525013	3" REINFORCED GUNITE	SY
525014	4" REINFORCED GUNITE	SY
525026	CONCRETE CHANNEL LINING	SY
525027	CONCRETE LINED CHANNEL (6")	SY
602001	BORING, TO 18"	LF
602002	BORING, 18"+	LF
602101	JACKING, TO 36"	LF
602102	JACKING, 36"+	LF
603008	8" HDPE	LF
603010	10" HDPE	LF



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ITEM NO.	ITEM DESCRIPTION	UNIT
603112	12" HDPE	LF
603115	15" HDPE	LF
603118	18" HDPE	LF
603124	24" HDPE	LF
603126	PRE-FAB BEND, HDPE	LS
603130	30" HDPE	LF
603136	36" HDPE	LF
610104	4" ACP WATER LINE	LF
610106	6" ACP WATER LINE	LF
610108	8" ACP WATER LINE	LF
610110	10" ACP WATER LINE	LF
610112	12" ACP WATER LINE	LF
610116	16" ACP WATER LINE	LF
610204	4" PVC WATER LINE	LF
610206	6" PVC WATER LINE	LF
610208	8" PVC WATER LINE	LF
610210	10" PVC WATER LINE	LF
610212	12" PVC WATER LINE	LF
610303	3" DIP WATER LINE	LF
610304	4" DIP WATER LINE	LF
610306	6" DIP WATER LINE	LF
610308	8" DIP WATER LINE	LF
610310	10" DIP WATER LINE	LF
610312	12" DIP WATER LINE	LF
610316	16" DIP WATER LINE	LF
610322	12" MJRJ WTR LINE	LF
610324	24" DIP WATER LINE	LF
610326	16" MJRJ WTR LINE	LF
610330	WATER LINE (	LF
610331	WATER LINE (	LF
610414	14" CONCRETE CYLINDER PIPE	LF
610416	16" CONCRETE CYLINDER PIPE	LF
610424	24" CONCRETE CYLINDER PIPE	LF
610514	14" WRAPPED STEEL PIPE	LF
610516	16" WRAPPED STEEL PIPE	LF
610524	24" WRAPPED STEEL PIPE	LF
610601	CAST IRON FITTINGS ALLOWANCE	LB
610701	PIPE SUPPORT, MAG 403, TYPE A	EA
610702	PIPE SUPPORT, MAG 403, TYPE B	EA
610703	PIPE SUPPORT, MAG 403, TYPE C	EA
610711	CONC ENCASE, MAG 404 (REINFORCED)	LF
610712	CONC ENCASE, MAG 404 (NON-REINFORCED)	LF
610721	6" WATER LINE VERT. REALIGN, COS 2370	LF
610722	8" WATER LINE VERT. REALIGN, COS 2370	LF
610723	10" WATER LINE VERT. REALIGN, COS 2370	LF
610724	12" WATER LINE VERT. REALIGN, COS 2370	LF
610725	16" WATER LINE VERT. REALIGN, COS 2370	LF
610728	24" WATER LINE VERT. REALIGN, COS 2370	LF



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ITEM NO.	ITEM DESCRIPTION	UNIT
610801	FIRE HYDRANT, MAG 360	EA
610802	FIRE HYDRANT BYPASS, COS 2360	EA
610803	FIRE HYDRANT RELOCATION, MAG 360 & 362	EA
610804	FIRE HYDRANT REPLACEMENT	EA
610806	ADJUST FIRE HYDRANT (VERTICALLY)	EA
610811	WATER SERVICE CONNECTION, 3/4 INCH	EA
610812	WATER SERVICE CONNECTION, 1 INCH	EA
610813	WATER SERVICE CONNECTION, 1 1/2 INCH	EA
610814	WATER SERVICE CONNECTION, 2 INCH	EA
610817	WATER SERVICE CONNECTION, 4 INCH	EA
610820	WATER SERVICE CONNECTION, 6 INCH	EA
610825	WATER SERVICE CONNECTION, (	EA
610841	CURB STOP, MAG 390, TYPE A	EA
610842	CURB STOP, MAG 390, TYPE B	EA
610851	RELOCATE WATER METER, COS 2330 & 2345	EA
610861	WATER SERVICE REPLACEMENT, 3/4 TO 2 IN.	EA
610902	ELECTROLYSIS TEST STATION, 2 WIRE	EA
610904	ELECTROLYSIS TEST STATION, 4 WIRE	EA
610950	2" TYPE K COPPER TUBING	LF
610951	1 1/2" TYPE K SOFT COPPER TUBING	LF
610960	WATER SAMPLING STATION	EA
610990	3" MAGNETIC FLOWMETER	EA
610991	3x2 DOUBLE STRAP SERVICE SADDLE WITH CORP STOP	EA
615104	4" VCP SEWER LINE	LF
615106	6" VCP SEWER LINE	LF
615108	8" VCP SEWER LINE	LF
615110	10" VCP SEWER LINE	LF
615112	12" VCP SEWER LINE	LF
615115	15" VCP SEWER LINE	LF
615204	4" PVC SEWER LINE	LF
615206	6" PVC SEWER LINE	LF
615208	8" PVC SEWER LINE	LF
615210	10" PVC SEWER LINE	LF
615212	12" PVC SEWER LINE	LF
615216	16" PVC SEWER LINE	LF
615304	4" DIP SEWER LINE	LF
615306	6" DIP SEWER LINE	LF
615308	8" DIP SEWER LINE	LF
615310	10" DIP SEWER LINE	LF
615312	12" DIP SEWER LINE	LF
615316	16" DIP SEWER LINE	LF
615424	24" CONCRETE SEWER PIPE	LF
615430	30" CONCRETE SEWER PIPE	LF
615436	36" CONCRETE SEWER PIPE	LF
615448	48" CONCRETE SEWER PIPE	LF
615501	SEWERLINE SPOT REPAIR	EA
615506	6" SEWER LINE DIP REPLACEMENT	LF
615508	8" SEWER LINE DIP REPLACEMENT	LF



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ITEM NO.	ITEM DESCRIPTION	UNIT
615510	10" SEWER LINE DIP REPLACEMENT	LF
615512	12" SEWER LINE DIP REPLACEMENT	LF
615520	SEWER LINE (	LF
615521	SEWER LINE (	LF
615601	PIPE PLUG, 12" - 36", MAG 427	EA
615602	PIPE PLUG, 33" - 72", MAG 427	EA
615603	PIPE PLUG, 78" - 108", MAG 427	EA
615704	4" SEWER BUILDING CONNECTION, MAG 440	EA
615706	6" SEWER BUILDING CONNECTION, MAG 440	EA
615804	4" SEWER CLEANOUT, MAG 441	EA
615806	6" SEWER CLEANOUT, MAG 441	EA
615808	8" SEWER CLEANOUT, MAG 441	EA
617020	RE-ALIGN, WTR SRV LINE, COS2370	LS
618010	SLOTTED DRAIN, ADOT C-13.60 & C-13.65	LF
618018	18" STORM DRAIN PIPE	LF
618020	24" STORM DRAIN PIPE	LF
618022	30" STORM DRAIN PIPE	LF
618024	36" STORM DRAIN PIPE	LF
618026	42" STORM DRAIN PIPE	LF
618028	54" STORM DRAIN PIPE	LF
618030	60" STORM DRAIN PIPE	LF
618032	66" STORM DRAIN PIPE	LF
618034	72" STORM DRAIN PIPE	LF
618036	84" STORM DRAIN PIPE	LF
618038	96" STORM DRAIN PIPE	LF
618050	12" HDPE	LF
618052	15" HDPE	LF
618054	18" HDPE	LF
618056	24" HDPE	LF
618058	30" HDPE	LF
618060	36" HDPE	LF
618062	42" HDPE	LF
618064	48" HDPE	LF
618066	60" HDPE	LF
618068	72" HDPE	LF
618070	84" HDPE	LF
618072	96" HDPE	LF
618100	STORM DRAIN PIPE (	LF
618101	STORM DRAIN PIPE (	LF
618112	12" RGRCP	LF
618115	15" RGRCP	LF
618118	18" RGRCP	LF
618124	24" RGRCP	LF
618130	30" RGRCP	LF
618136	36" RGRCP	LF
618142	42" RGRCP	LF
618148	48" RGRCP	LF
618160	60" RGRCP	LF



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618172	72" RGRCP	LF
618184	84" RGRCP	LF
618196	96" RGRCP	LF
618212	12" NONREINFORCED CONCRETE PIPE	LF
618215	15" NONREINFORCED CONCRETE PIPE	LF
618218	18" NONREINFORCED CONCRETE PIPE	LF
618224	24" NONREINFORCED CONCRETE PIPE	LF
618512	12" PIPE COLLAR, MAG 505	EA
618515	15" PIPE COLLAR, MAG 505	EA
618518	18" PIPE COLLAR, MAG 505	EA
618524	24" PIPE COLLAR, MAG 505	EA
618530	30" PIPE COLLAR, MAG 505	EA
618536	36" PIPE COLLAR, MAG 505	EA
618538	PIPE COLLAR, MAG 505	EA
618540	PIPE COLLAR (	EA
618715	15" STORM DRAIN CONNECTOR LATERAL	LF
618718	18" STORM DRAIN CONNECTOR LATERAL	LF
618721	21" STORM DRAIN CONNECTOR LATERAL	LF
618724	24" STORM DRAIN CONNECTOR LATERAL	LF
618730	30" STORM DRAIN CONNECTOR LATERAL	LF
618818	FLARED END SECT 18" w GRATE ADOTC-13.20	EA
618824	FLARED END SEC 24" w GRATE ADOT C-13.20	EA
618830	RCP FLARED END SECTION, MAG 545	EA
618835	CMP FLARED END SECTION, ADOT C-13.25	EA
619001	PRECAST BOX CULVERT (	LF
619002	PRECAST BOX CULVERT (	LF
619011	BOX CULVERT SINGLE BBL ADOT B-02.10	EA
619023	OUTLET WINGS & HEADWAL ADOT B-04.10	LS
619024	INLET WINGS & HEADWALL ADOT B-04.30	LS
619901	PRECAST BOX APPURTENANCES	LS
620018	18" CAST-IN-PLACE PIPE	LF
620024	24" CAST-IN-PLACE PIPE	LF
620030	30" CAST-IN-PLACE PIPE	LF
620036	36" CAST-IN-PLACE PIPE	LF
620042	42" CAST-IN-PLACE PIPE	LF
620048	48" CAST-IN-PLACE PIPE	LF
620054	54" CAST-IN-PLACE PIPE	LF
620060	60" CAST-IN-PLACE PIPE	LF
620072	72" CAST-IN-PLACE PIPE	LF
620084	84" CAST-IN-PLACE PIPE	LF
620096	96" CAST-IN-PLACE PIPE	LF
621018	18" CMP	LF
621024	24" CMP	LF
621030	30" CMP	LF
621036	36" CMP	LF
621042	42" CMP	LF
621048	48" CMP	LF
621054	54" CMP	LF



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ITEM NO.	ITEM DESCRIPTION	UNIT
621060	60" CMP	LF
621072	72" CMP	LF
621084	84" CMP	LF
621096	96" CMP	LF
621118	18" CMP (CONCRETE LINED)	LF
621124	24" CMP (CONCRETE LINED)	LF
621130	30" CMP (CONCRETE LINED)	LF
621136	36" CMP (CONCRETE LINED)	LF
621142	42" CMP (CONCRETE LINED)	LF
621148	48" CMP (CONCRETE LINED)	LF
621154	54" CMP (CONCRETE LINED)	LF
621160	60" CMP (CONCRETE LINED)	LF
621172	72" CMP (CONCRETE LINED)	LF
621184	84" CMP (CONCRETE LINED)	LF
621196	96" CMP (CONCRETE LINED)	LF
621218	18" CMP (SMOOTH METAL LINED)	LF
621224	24" CMP (SMOOTH METAL LINED)	LF
621230	30" CMP (SMOOTH METAL LINED)	LF
621236	36" CMP (SMOOTH METAL LINED)	LF
621242	42" CMP (SMOOTH METAL LINED)	LF
621248	48" CMP (SMOOTH METAL LINED)	LF
621254	54" CMP (SMOOTH METAL LINED)	LF
621260	60" CMP (SMOOTH METAL LINED)	LF
621272	72" CMP (SMOOTH METAL LINED)	LF
621284	84" CMP (SMOOTH METAL LINED)	LF
621296	96" CMP (SMOOTH METAL LINED)	LF
621318	18" SPIRAL RIB METAL PIPE	LF
621324	24" SPIRAL RIB METAL PIPE	LF
621330	30" SPIRAL RIB METAL PIPE	LF
621336	36" SPIRAL RIB METAL PIPE	LF
621342	42" SPIRAL RIB METAL PIPE	LF
621348	48" SPIRAL RIB METAL PIPE	LF
621354	54" SPIRAL RIB METAL PIPE	LF
621360	60" SPIRAL RIB METAL PIPE	LF
621372	72" SPIRAL RIB METAL PIPE	LF
621384	84" SPIRAL RIB METAL PIPE	LF
621396	96" SPIRAL RIB METAL PIPE	LF
621424	STEEL PIPE SLEEVE 24"	LF
621436	STEEL PIPE SLEEVE 36 "	LF
625001	4' DIA. MANHOLE TO 10' DEPTH, MAG 420	EA
625002	5' DIA. MANHOLE 10' TO 15' DEPTH, MAG 420	EA
625003	5' DIA. MANHOLE 15'+ DEPTH, MAG 420	EA
625011	MANHOLE DROP CONN, MAG 426, TYPE B	EA
625012	MANHOLE DROP CONN, MAG 426, TYPE A	EA
625021	STORM DRAIN MANHOLE, MAG 522 & 520	EA
625022	STORM DRAIN MANHOLE, MAG 522 & 521	EA
625023	STORM DRAIN MANHOLE, MAG 522 SHALLOW	EA
625030	MANHOLE (EA



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ITEM NO.	ITEM DESCRIPTION	UNIT
630303	3" GATE VALVE WITH HANDWHEEL ASSY	EA
630304	4" GATE VALVE, B & C, MAG 391, TYPE C	EA
630306	6" GATE VALVE, B & C, MAG 391, TYPE C	EA
630308	8" GATE VALVE, B & C, MAG 391, TYPE C	EA
630310	10" GATE VALVE, B & C, MAG 391, TYPE C	EA
630312	12" GATE VALVE, B & C, MAG 391, TYPE C	EA
630316	16" GATE VALVE, B & C, MAG 391, TYPE C	EA
630324	24" GATE VALVE, B & C, MAG 391, TYPE C	EA
630404	4" TS & V WITH VB & C, MAG 391, TYPE C	EA
630406	6" TS & V WITH VB & C, MAG 391, TYPE C	EA
630408	8" TS & V WITH VB & C, MAG 391, TYPE C	EA
630410	10" TS & V WITH VB & C, MAG 391, TYPE C	EA
630412	12" TS & V WITH VB & C, MAG 391, TYPE C	EA
630416	16" TS & V WITH VB & C, MAG 391, TYPE C	EA
630424	24" TS & V WITH VB & C, MAG 391, TYPE C	EA
630516	16" BUTTERFLY VALVE W/ MANHOLE, COS 2305	EA
630524	24" BUTTERFLY VALVE W/ MANHOLE	EA
630602	2" AIR RELEASE/VACUUM VALVE, COS 2348	EA
630603	3" AIR RELEASE/VACUUM VALVE, COS 2348	EA
630604	4" AIR RELEASE/VACUUM VALVE, COS 2348	EA
630702	2" PRV STATION, COS 2342	EA
630704	4" PRV STATION, COS 2342	EA
630706	6" PRV STATION, COS 2342	EA
630708	8" PRV STATION, COS 2342	EA
630716	16"PRESSURE RED STA COS 2348	EA
630803	3" WATER METER, COS 2345	EA
630804	4" WATER METER, COS 2345	EA
630806	6" WATER METER, COS 2345	EA
630808	8" WATER METER, COS 2345	EA
630810	10" WATER METER, COS 2345	EA
630812	12" WATER METER, COS 2345	EA
630901	VALVE BOX AND COVER, CAST IRON	EA
630920	CONCRETE WATER METER BOX, MAG 320	EA
630940	WATER METER VAULT, MAG 321	EA
640301	STREET LIGHT J-BOXES	EA
640311	STREET LIGHT CONDUIT AND TRENCH	LF
640321	STREET LIGHT POLES (FOR ESTIMATING)	EA
640322	STREET LIGHT POLES	EA
640323	STREET LIGHT POLES (COUPLET STD)	EA
640401	UTILITY TRENCHING--DESIGNATE TRENCH TYPE--	LF
640402	UTILITY TRENCHING--DESIGNATE TRENCH TYPE--	LF
640601	LUMINAIRES	EA
640701	ELECTRIC CONVERSIONS	LS
800001	MOBILAZATION / DE-MOBILAZATION	LS
800010	LUMP SUM STRUCTURE (SUM OF PRECEDING STRUCTURE ITEMS)	LS