

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
<u>CABINET AND BACKPANEL</u> SM Material Code 913M15031			
TS0070	EAGLE SIGNAL/MOBOTREX----- Model TF-5016IN Size 6(P) & Size 7(R) & Size 5(M) Stretch	W028700	TS-2, TYPE 1 16 POSITIONS
TS0070	EAGLE SIGNAL/MOBOTREX----- Model 5038324917 ITS Controller Cabinet, Ground Mounted	W158704	ITS
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- MODEL 171-1081-504 Size 6(P) & Size 7(R) & Size 5 (M) & Size 5 (M) Stretch	W028110	TS-2 TYPE 1 16 POSITIONS
TS0108	JAMES H. DREW----- MODEL 482632 ITS RACK/TOWER MOUNTED CABINET	W158709	ITS
TS0108	JAMES H. DREW----- MODEL 592632 ITS-FM-TALL RACK/TOWER MOUNTED CABINET	W218705	ITS
TS0069	SOUTHERN MANUFACTURING----- MODEL 334 (332) ITS Controller Cabinet, Ground Mounted	W178710	ITS
TS0069	SOUTHERN MANUFACTURING----- MODEL G ITS Controller Cabinet, Pole Mounted	W178712	ITS
TS0169	TRAFFIC CONTROL PRODUCTS, INC----- MODEL TS2-IN-P-16 Size 6 (P) Cabinet Assembly	W218700	TS-2 TYPE 1 16 POSITIONS
BUS INTERFACE UNIT (BIU) SM Material Code: 913M15033			
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- ECP-160-1018-501	W218703	ASSY BIU
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- ECP-160-1018-502	W218704	ASSY BIU W/PANEL LOCK
TS0080	EBERLE DESIGN INC. EDI----- MODEL BIU-700	W068703	
TRAFFIC SIGNAL CABINET POWER SUPPLY SM Material Code: 913M15035			
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- TS-2 MODEL PS-2412	W028722	
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- TS-2 MODEL TS 200E	W068704	

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
TS0080	EBERLE DESIGN INC----- TS-2 MODEL PS-250	W228700	
TRAFFIC SIGNAL MALFUNCTION MANAGEMENT UNIT (MMU) SM Material Code: 913M15034			
TS0080	EBERLE DESIGN INC. ----- MMU2-16LE(ip) (Ethernet Capable)	W028703	TS-2
TS0200	RENO A&E, ----- MMU-1600GE (Ethernet Capable)	W068705	TS-2
TS0200	RENO A&E, ----- MMU2-1600GE (Ethernet Capable)	W178707	TS-2
INTELLEAGENT TRANSPORTATION SYSTEMS SM Material Code: 913M15029			
ITS FIELD SERVER SM Material Code: 913M15029			
TS0152	HEWLET PACKARD ENTERPISES----- Controller, Multi-Purpose Model # HPE GL10 IoT Gateway Series	W188750	
TS0154	DELL TECHNOLOGIES----- Controller, Multi-Purpose Model Latitude 5424 Rugged Laptop, 256 GB, SSD (w/Intel Dual Band Wireless AC 8265 {802.11ac} and 2x2 Bluetooth 4.2)	W228702	
TRAFFIC SIGNAL SECONDARY CONTROLLER SM Material Code: 913M15030			
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- COBALT G TS2, TYPE 1	W178753	MINIMUM 2GB SD CARD REQUIRED
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- COBALT G TS2, TYPE 2	W178754	MINIMUM 2GB SD CARD REQUIRED

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- COBALT C TS2, TYPE 1	W178755	MINIMUM 2GB SD CARD REQUIRED
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- COBALT C TS2, TYPE 2	W178756	MINIMUM 2GB SD CARD REQUIRED
TS0169	TRAFFIC CONTROL PRODUCTS, INC----- INTELIGHT X-3L, TS2 TYPE 1 & TYPE 2	W198701	MINIMUM 2GB SD CARD AND REMOVABLE DATA MANAGEMENT DEVICE REQUIRED
TS0169	TRAFFIC CONTROL PRODUCTS, INC----- INTELIGHT XN-1, TS2 TYPE 1 & TYPE 2	W218701	MINIMUM 2GB SD CARD AND REMOVABLE DATA MANAGEMENT DEVICE REQUIRED

VEHICLE DETECTION INTERFACE DEVICES

SM Material Code: 913M15038

TS0216	SENSYS NETWORKS----- MODEL APCC-SPP Serial Port Radio	W118790	TRAFFIC SIGNAL & ITS
TS0216	SENSYS NETWORKS----- MODEL APCC-ACC-1 Care Isolator	W118791	TRAFFIC SIGNAL & ITS
TS0216	SENSYS NETWORKS----- MODEL APCC-M Access Point Card	W118792	TRAFFIC SIGNAL & ITS
TS0216	SENSYS NETWORKS----- MODEL EX TS2 COMPLIANT EXPANSION INTERFACE CARD	W118793	TRAFFIC SIGNAL
TS0216	SENSYS NETWORKS----- MODEL FLEX-CTRL-M-E Flex Control Module Enhanced	W218706	ITS ONLY
TS0216	SENSYS NETWORKS----- MODEL FLEX-ISOL-M Flex Isolator Module	W218707	ITS ONLY
TS0216	SENSYS NETWORKS----- MODEL FLEX-RP-B-LL-2 w/Flex-ANT-2 (Flex Repeater w/Long Range Antenna)	W218708	ITS ONLY
TS0216	SENSYS NETWORKS----- MODEL RP240-BH-LL-2 (7-YEAR BATTERY)	W118794	TRAFFIC SIGNAL & ITS
TS0545	WAVETRONIX----- MODEL: 112 CLICK! 2 CONTACT CLOSURE CARD	W128790	ITS Only

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
TS0545	WAVETRONIX----- MODEL: 114 CLICK! 4 CONTACT CLOSURE CARD	W128791	ITS Only
TS0545	WAVETRONIX----- MODEL: 222 CLICK SYSTEM SURGE PROTECTION CARD	W128790	ITS Only

COUNTING VEHICLE DETECTORS

SM Material Code: 913M15032

TS0080	EBERLE DESIGN INC. EDI----- MODEL ORACLE 2EC Traffic Signal & ITS	W068710	TS1/TS2 CARD RACK
TS0200	RENO----- MODEL C/TC, 1203 Traffic Signal & ITS	W028781	TS1/TS2 CARD RACK
TS0216	SENSYS NETWORKS----- MODEL VSN240-F-2 FLUSH-MOUNT SENSOR Traffic Signal & ITS	W158702	
TS0216	SENSYS NETWORKS----- MODEL VSN240-T-2 FLUSH-MOUNT SENSOR (STOP BAR) Traffic Signal & ITS	W158703	
TS8163	3M CANOGA----- C944 Traffic Signal & ITS	W158705	4-CHANNEL CARD RACK

TRAFFIC SIGNAL & ITS NON-COUNTING VEHICLE DETECTORS

SM Material Code: 913M15032

TS0080	EBERLE DESIGN INC. EDI----- MODEL ORACLE 2E	W068712	TS1/TS2 CARD RACK
TS0200	RENO----- MODEL C, 1200	W028780	TS2/TS1 CARD RACK

TRAFFIC SIGNAL & ITS PRE-FORMED DETECTION LOOPS

SM Material Code: 913M15038

TS0040	DE-TECH----- MODEL HDR DETECTOR	W028779	
TS0150	NEVER FAIL SYSTEMS----- MODEL A	W078702	ASPAHLT PAVE-OVER ONLY
TS0150	NEVER FAIL SYSTEMS----- MODEL C	W078703	CONCRETE PAVE-OVER ONLY

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
TS0150	NEVER FAIL SYSTEMS----- MODEL F	W078704	SAW-SLOT PAVE-OVER ONLY
TS0162	PATRIOT TECHNOLOGIES----- MODEL CG16MMA	W068713	ASPHALT PAVE-OVER ONLY
TS0162	PATRIOT TECHNOLOGIES----- MODEL CG16MMC	W068714	CONCRETE PAVE-OVER ONLY
TS0162	PATRIOT TECHNOLOGIES----- MODEL CG9.5MM	W068715	SAW-SLOT ONLY
TS0200	RENO A&E----- MODEL PLH	W068716	
TS8163	3M MICROLOOP----- MODEL 701, 702	W068717	

TRAFFIC SIGNAL ONLY EXTERNAL TIME CLOCK

SM Material Code: 913M15042

TS0100	ELTEC----- NTC-17E-1AC	W028794	
TS0161	RTC MANUFACTURING, Inc.----- AP22 TIME SWITCH	W188794	

TRAFFIC SIGNAL ONLY FLASHERS

SM Material Code: 913M15070

TS0080	EBERLE DESIGN, INC----- FLASHER MODEL 810	W028795	
TS0170	PDC----- PDC SSF-86-3 MODEL 204	W028796	
TS0170	PDC----- PDC SSF-87W	W028797	
TS0230	SOLID STATE DEVICES----- MODEL 204	W028798	
TS0250	TRAFFIC SENSOR CORP----- TSC-204-15	W028799	
TS0250	TRAFFIC SENSOR CORP----- TSC-310	W028111	

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
TS0200	RENO A&E----- FL-200	W068718	

TRAFFIC SIGNAL ONLY LOAD SWITCHES
SM Material Code: 913M15043

TS0080	EBERLE DESIGN, INC----- 510	W028112	
TS0170	PDC----- PDC SSS-86-3 MODEL 200	W028113	
TS0170	PDC----- PDC SSS-87W	W028114	
TS0250	TRAFFIC SENSOR CORP----- TSC-200	W028116	
TS0250	TRAFFIC SENSOR CORP----- TSC-300	W028117	
TS0200	RENO A&E----- LS-200	W068719	

TEMPORARY DETECTION
SM Material Code: 913M15044

TS0090	ECONOLITE CONTROL PRODUCTS, INC----- AUTOSCOPE SERIES, ALL	W028120	TEMPORARY USE ONLY
TS0135	ITERIS----- ODETICS VANTAGE & VERSICAM SERIES, ALL	W068722	TEMPORARY USE ONLY
TS0545	WAVERTONIX----- MODEL: SS-225 SMART SENSOR MATRIX ASSEMBLY	W128720	

SYSTEM INTERCONNECT & COMMUNICATION EQUIPMENT
SM Material Code: 913M15080

TS0222	CRADLEPOINT COR SERIES ROUTER ----- MODEL # COR-IBR900-1200M-B	W228102	WIRELESS IP MODEM
TS0222	CRADLEPOINT ANTENNA ----- MODEL # AG60 SERIES (2 X CELLULAR 3G/4G/LTE/GPS/2 X WiFi 2.4GHZ FOR CRADLEPOINT IBR900)	W178105	CELL ANTENNA W/CABLE

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
-------------	---------------------------	-----------------	----------

ITS WIRELESS COMMUNICATION EQUIPMENT

SM Material Code: 913M15027

ITS NETWORKING EQUIPMENT

SM Material Code: 913M15028

TS0018	EXTREME NETWORKS----- Core Switch Platform Model # 7520-48Y-8C-AC-R	-----W128781	
TS0018	EXTREME NETWORKS----- Field Switch [ISW 900] Model # ISW 8 GbP, 4-SFP (12-port Switch) (Part #16804)	-----W238701	
TS0018	EXTREME NETWORKS----- IS AC-DC Power Supply 240 W Output DIN Rail-25 -70C Model/Part #16807	-----W238702	This power supply is for the ISW900
TS0018	EXTREME NETWORKS----- XN-ACPWR-800W-F Power Supply	-----W238700	This power supply is for the 7520 Core Switch (power cord #1061)
TS0118	DIGITAL LOGGERS, INC----- Pro Switch (Remote Control & Reboot) Model # Digital Loggers Pro Remote Power Switch	-----W188770	
TS0118	DIGITAL LOGGERS, INC----- Web Controlled Power Switch Model # Digital Loggers DIN RELAY - 4	-----W188771	FOR USE AT TRAFFIC SIGNALS ONLY

TRAFFIC SIGNAL HEAD (LED MODULES)

SM Material Code: 913M15095

12" RED CIRCULAR INDICATIONS

TS0060	DIALIGHT----- MODEL: 433-1210-003XL	-----W068727	
TS0120	GE LUMINATION/GELCORE----- MODEL: DR6-RTFB-VLA	-----W068728	
TS9027	LEOTEK----- MODEL: TSL-12R-LX-IL6-A1-P2	-----W068729	

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
TS9027	LEOTEK----- MODEL: TSL-12R-LX-IL6-A1-P3	W178725	
8171	SWARCO/FuturLED----- MODEL: FL-12R-S2	W088727	
TS0255	TRASTAR/DURALIGHT----- MODEL: JXC-300HFTR	W108727	

12" YELLOW CIRCULAR INDICATIONS

TS0060	DIALIGHT----- MODEL: 433-3230-901XL	W068730	
TS0120	GE LUMINATION/GELCORE----- MODEL: DR6-YTFB-VLA	W218702	
TS0120	GE LUMINATION/GELCORE----- MODEL: DR6-YZFB-VLA	W078728	
TS9027	LEOTEX----- MODEL: TSL-12Y-LX-IL6-A1-P2	W078730	
TS9027	LEOTEK----- MODEL: TSL-12Y-LX-IL6-A1-P3	W178728	
8171	SWARCO/FuturLED----- MODEL: FL-12A-S2	W088728	
TS0255	TRASTAR/DURALIGHT----- MODEL: JXC-300HFTY	W108728	

12" GREEN CIRCULAR INDICATIONS

TS0060	DIALIGHT----- MODEL: 433-2220-001XL	W068731	
TS0120	GE LUMINATION/GELCORE ----- MODEL: DR6-GTFB-VLA	W068732	

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
TS9027	LEOTEK----- MODEL: TSL-12G-LX-IL6-A1-P2	W068733	
TS9027	LEOTEK----- MODEL: TSL-12G-LX-IL6-A1-P3	W178733	
8171	SWARCO/FuturLED----- MODEL: FL-12G-S2	W088729	
TS0255	TRASTAR/DURALIGHT----- MODEL: JXC-300HFTG	W108729	
<u>12" RED ARROWS</u>			
TS0060	DIALIGHT----- MODEL: 432-1314-001XOD	W108732	Tinted
TS9027	LEOTEK----- MODEL: TSL-12RA-IL6-A1 Note: This model is the arrow equivalent to -IL6-A1-P2.	W108734	Tinted
TS9027	LEOTEK----- MODEL: TSL-12RA-IL6-A1-P3	W178734	
TS0255	TRASTAR/DURALIGHT----- MODEL: JXJ300-07TR03	W108736	Tinted
TS0098	GE LIGHTING----- MODEL: DR6-RTAAN-VLA	W178735	
<u>12" YELLOW ARROWS</u>			
TS0060	DIALIGHT----- MODEL: 431-3334-901XOD	W068734	
TS9027	LEOTEK----- MODEL: TSL-12YA-IL6-A1 Note: This model is the arrow equivalent to -IL6-A1-P2.	W068736	
TS9027	LEOTEK----- MODEL: TSL-12YA-IL6-A1-P3	W178736	
8171	SWARCO/FuturLED----- MODEL: FL-12A-S2-A	W088730	

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
TS0255	TRASTAR/DURALIGHT----- MODEL: JXJ300-07TY03	W108737	
TS0098	GE Lighting----- MODEL: DR6-YTAAN-VLA	W178740	

12" GREEN ARROWS

TS0060	DIALIGHT----- MODEL: 432-2324-001XOD	W068737	
TS9027	LEOTEK----- MODEL: TSL-12GA-LX-IL6-A1 Note: This model is the arrow equivalent to -IL6-A1-P2.	W068739	
TS9027	LEOTEK----- MODEL: TSL-12GA-IL6-A1-P3	W178737	
8171	SWARCO/FuturLED----- MODEL: FL-12G-S2-A	W088731	
TS0255	TRASTAR/DURALIGHT----- MODEL: JXJ300-07TG03	W108738	
TS0098	GE Lighting----- MODEL: DR6-GTAAN-VLA	W178738	

COUNTDOWN PEDESTRIAN SIGNAL HEAD (LED)

SM Material Code: 913M15095

TS0060	DIALIGHT CO----- MODEL: 430-6479-001X	W048703	
TS0120	GE LUMINATION/GELCORE ----- MODEL: PS7-CFF1-27A	W058728	
TS9027	LEOTEK ELECTRONICS USA CO----- MODEL: TSL-PED-16-CIL-P1	W058733	
TS9027	LEOTEK----- MODEL: TSL-PED-16-SPC-V1	W178732	

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
TS0255	TRASTAR/DURALIGHT----- MODEL: JXM-400VIEIL	W108739	
TS0098	GE Lighting----- MODEL: PS7-CFF1-VLA	W178730	

TRAFFIC SIGNAL HEAD (EXTENDED LED MODULES)
SM Material Code: 913M15085

12" RED CIRCULAR INDICATIONS

TS0060	DIALIGHT----- MODEL: 433-1210-003XL15	W168720	
--------	--	---------	--

12" YELLOW CIRCULAR INDICATIONS

TS0060	DIALIGHT----- MODEL: 433-3230-901XL15	W168721	
--------	--	---------	--

12" GREEN CIRCULAR INDICATIONS

TS0060	DIALIGHT----- MODEL: 433-2220-001XL15	W168722	
--------	--	---------	--

12" RED ARROWS

TS0060	DIALIGHT----- MODEL: 432-1314-001XOD15	W168723	Tinted
--------	---	---------	--------

12" YELLOW ARROWS

TS0060	DIALIGHT----- MODEL: 431-3334-901XOD15	W168724	
--------	---	---------	--

12" GREEN ARROWS

TS0060	DIALIGHT----- MODEL: 432-2324-001XOD15	W168725	
--------	---	---------	--

LED MODULES FOR SOLAR APPLICATION (12 VOLT DC)
SM Material Code: 913M15095

12" RED CIRCULAR INDICATIONS (12 VOLT DC)

TS0060	DIALIGHT CO----- MODEL: 433-1210-005XL	W088735	
--------	---	---------	--

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
TS0120	GE LUMINATION/GELCORE MODEL: DR6-RTFB-23B	-----W088736	
SPO030	PRECISION SOLAR CONTROLS 12 WATT MODEL: 2384	-----W088737	
TS9027	LEOTEK ELECTRONICS USA CO MODEL: TSL-12R-LX-IL6-B1-P2	-----W098730	

12" YELLOW CIRCULAR INDICATIONS (12 VOLT DC)

TS0060	DIALIGHT CO MODEL: 433-3230-905-XL	-----W088738	
TS0120	GE LUMINATION/GELCORE MODEL: DR6-YTFB-23B	-----W088739	
SPO030	PRECISION SOLAR CONTROLS 12 WATT MODEL: 2385	-----W088740	
TS9027	LEOTEK ELECTRONICS USA CO MODEL: TSL-12Y-LX-IL6-B1-P2	-----W098731	

12" GREEN CIRCULAR INDICATIONS (12 VOLT DC)

TS9027	LEOTEK ELECTRONICS USA CO MODEL: TSL-12G-LX-IL6-B1-P2	-----W098730	
--------	--	--------------	--

SOLAR POWERED SCHOOL ZONE FLASHER

SM Material Code: 913M15035

TS0280	K & K SYSTEMS MODEL: 112-IN SOLAR SCHOOL WARNING FLASHER	-----W078731	
TS0290	CARMANAH MODEL: R829-F SOLAR SCHOOL ZONE FLASHING BEACON	-----W228701	
TS0281	SOLAR TRAFFIC CONTROLS MODEL: 80S080J-1 (NORTH) SOLAR SCHOOL WARNING FLASHER	-----W108730	
TS0281	SOLAR TRAFFIC CONTROLS MODEL: 80S065I-1 (SOUTH) SOLAR SCHOOL WARNING FLASHER	-----W108731	
TS0099	ELECTROTECHNICS CORPS MODEL: MODEL FS2 SOLAR SCHOOL ZONE FLASHER W/NTC17E TIME CLOCK	-----W138730	

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
-------------	---------------------------	-----------------	----------

SOLAR POWERED 24 HOUR FLASHER BEACON

SM Material Code: 913M15035

TS0290	CARMANAH-----	W128732	
	MODEL: MODEL R247E (177-3013) SOLAR 24 HOUR FLASHING BEACON		
TS0099	ELECTROTECHNICS CORPS.-----	W098733	
	MODEL: MODEL FS2 SOLAR 24 HOUR FLASHING BEACON		
TS0280	K & K SYSTEMS-----	W078732	
	MODEL: 116-IN SOLAR 24 HOUR FLASHING BEACON		
TS0281	SOLAR TRAFFIC CONTROLS-----	W088732	
	MODEL: 80S24255I-4 SOLAR 24 HOUR FLASHING BEACON		
TS0281	SOLAR TRAFFIC CONTROLS-----	W088733	
	MODEL: 80S24255E-3 SOLAR 24 HOUR FLASHING BEACON		
TS0049	TAPCO Blinker Beacon -----	W138733	
	MODEL: 2180-BBDAY (Amber)		
TS0049	TAPCO Blinker Beacon -----	W138734	
	MODEL: 2180-BBDRY (Red)		

ITS CLOSED CIRCUIT TV CAMERAS

SM Material Code: 913M15026

TS0029	CAMERA LOWERING SYSTEMS, INC -----	W168744	
	MODEL: CEPM-16HD-DE-XXX-110514		
	Arm and disconnect unit for external tower mount with guide cable and permanent mount lowering tool.		
TS0029	CAMERA LOWERING SYSTEMS, INC./N STAR LIGHTING,LLC- W218709		
	MODEL: CDPF-DDxxx-yyy-LG Series		
	For use on pole with permanent lowering tool.		
TS0029	CAMERA LOWERING SYSTEMS, INC.-----	W218710	
	MODEL: CEPM-DDxxx-yyy-PG Series		
	For externally mounted lattice tower camera lowering devices.		
TS0242	CohuHD COSTAR-----	W198740	
	MODEL: CohuHD Rise 4220 Dome Camera		
	For roadway surveillance applications.		
TS0148	MG SQUARED, INC.-----	W208730	
	MODEL: CLDMG2-EXT-HYPIPX2-XX		
	Model contains two (2) CAT 6 Cables with Male RJ-45 Connectors.		
	Arm and disconnect unit for external pole/Tower mount with guide cable and permanent mount lowering tool.		

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
TS0243	MICROSEMI----- Outdoor POE Lightning Surge Protector MODEL: PD-OUT/SP11 *in-line surge suppression for field/Cohu camera	W238703	
TS0189	PROXIM Wireless Corp----- MODEL: Gigabit PoE Surge Arrestor CPN#235-00001	W248702	
TS0114	WTI----- MODEL: SIDEWINDER H.264 Standard Definition For vehicle-mounted applications.	W168741	
TS0114	WTI----- MODEL: Viper H.264 High Definition For vehicle-mounted applications.	W178743	
TS0259	TKH ----- MODEL: BL880M11R, Networked Bullet Camera, 3.5-8MM Motorized, 8MP,H.264/MJPEG, P-Iris, IR, IP67 For fixed signs surveillance.	W188740	
ITS MICROWAVE VEHICLE RADAR SM Material Code: 913M15025			
TS0545	WAVETRONIX ----- MODEL: SS126 HD SMARTSENSOR HD	W108746	
TS0137	IMAGE SENSING SYSTEMS, INC.----- MODEL: RTMS ECHO	W238710	w/power supply & surge panel for RTMS Echo (Part#ITS-ISS- Echo-SP)
TS0137	IMAGE SENSING SYSTEMS, INC.----- MODEL: RTMS G4 RADAR	W108747	
TS0137	IMAGE SENSING SYSTEMS, INC.----- MODEL: RTMS SX-300	W178745	
TS0545	WAVETRONIX ----- MODEL: #WX-SS-105V SMART SENSOR V	W128740	

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
-------------	---------------------------	-----------------	----------

ACCESSIBLE PEDESTRIAN SYSTEM (APS)

SM Material Code: 913M15103

TS0194	CAMPBELL COMPANY-----	W208701	MODEL: GUARDIAN APS Not applicable to the Guardian 400A or the Guardian Mini
TS0045	POLARA ENTERPRISES -----	W198702	MODEL: iNNAVIGATOR iN2 Central Unit necessary. Requires 50-pin cable to pedestrian input on back panel.
TS0045	POLARA ENTERPRISES -----	W198703	MODEL: iNNAVIGATOR iN3 No Central Unit necessary. Power line Communication through pedestrian head.
TS0181	PELCO PRODUCTS, INC -----	W198704	MODEL: SE-2901 INTELICROSS APS SE-2901 all buttons pre-programmed.

DYNAMIC MESSAGE SIGN (DMS)

SM Material Code: 925M15040

SP0015	DAKTRONICS -----	W238750	MODEL: VANGUARD VF-2020 96X400-20-RGB
SP0015	DAKTRONICS -----	W238751	MODEL: VANGUARD VFC-3000 CONTROLLER [OA-1248-0028]
SP0015	DAKTRONICS -----	W238752	MODEL: DDMS CONTROLLER [OA-1249-5011] & [OA-1249-5010]
9447	SUNRISE SESA TECHNOLOGIES, INC.-----	W238753	MODEL: M6000 WIFC-20 96X400

TRAVEL TIME SIGN (TTS)

SM Material Code: 925M15041

SP0015	DAKTRONICS -----	W238754	MODEL: VANGUARD FIELD CONTROLLER VFC 5000 SERIES [OA-1248-0070]
9447	SUNRISE SESA TECHNOLOGIES, INC.-----	W238755	MODEL: M5000-FFA-66 7x15

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
-------------	---------------------------	-----------------	----------

ITS-ACCESSIBLE PORTABLE CHANGEABLE MESSAGE SIGN (pCMS)
SM Material Code: 925M15042

SP0090	VER-MAC----- MODEL: PCMS-1500LP G3	-----W238756	
--------	---------------------------------------	--------------	--

ROAD WEATHER INFORMATION SYSTEM (RWIS)

SM Material Code 925M15044

[RWIS - Road Weather Information System]

TS2301	GREAT PLAINS TOWER----- MODEL: ROADWAY 30' MID HINGED LATTICE FOLDING TOWER	-----W238709	Part# DT/MHLT30/12 [Tower for RWIS use only]
--------	---	--------------	--

TS2300	Lufft----- MODEL: LCOM Remote Processing Unit	-----W238704	
--------	--	--------------	--

TS2300	Lufft----- MODEL: VS2K VISIBILITY SENSOR	-----W238705	
--------	---	--------------	--

TS2300	Lufft----- MODEL: NIRS31 NON-INVASIVE SURFACE STATE SENSOR	-----W238706	
--------	---	--------------	--

TS2300	Lufft----- MODEL: IRS31-UMB INVASIVE SURFACE STATE SENSOR	-----W238707	Can also use IRS31 Pro-UMB where sub- surface temps are required
--------	--	--------------	---

TS2300	Lufft----- MODEL: WS-600 COMPACT WEATHER STATION	-----W238708	
--------	---	--------------	--

SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (RRFB)

SM Material Code 922M15053

TS0175	AVAILED TECHNOLOGIES, CORP.----- MODEL: AV-400 RRFB	-----W238759	
--------	--	--------------	--

TS0290	CARMANAH----- MODEL: R920-E *With R290-E Control Unit	-----W238757	
--------	---	--------------	--

TS0660	JSF TECHNOLOGIES, INC.----- MODEL: AB-9207 (Single Direction)	-----W248700	AC Power Option Available
--------	--	--------------	------------------------------

TS0660	JSF TECHNOLOGIES, INC.----- MODEL: AB-9407 (Dual Direction)	-----W248701	AC Power Option Available
--------	--	--------------	------------------------------

April 12, 2024

TRAFFIC SIGNAL and ITS DEVICES

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15103,
925M15040 to 925M15042,
925M15044 & 922M15053

Source Code	Manufacturer Product Name	Approval Number	Comments
TS0245	TRAFFICALM----- MODEL: M75-SA300	W238758	