Procurement Division
PREQUALIFIED PRODUCTS LIST (QPL) OF
TO-4048
CONTROLLER UNIT, CABINET ASSEMBLY, AND FLASHER

The following controller units, cabinet assemblies, and flashers have been tested and are qualified for use when Departmental Specification TO-4048, Full-actuated Solid State Controller Unit (TS-2) with Diamond, TBC, Preempt, and Closed Loop Operation; and Base-Mounted TS-2 Cabinet Assembly (revised 7/12) is referenced.

CONTROLLER UNIT (ONLY) NEMA, TS-2, Pole-Mount/Base-Mount (12 and 16 positions), SDLC Traffic Controller Assembly with ABC Connectors (Type 2) and without ABC Connectors (Type 1)

Manufacturer	Model	Type	Software/Firmware Version
Econolite	ASC 3-1000 ASC 3-2100 Cobalt (Color Touch Screen) Cobalt-C (Non-Touch Screen)	Type 1 Type 2 Type 1 and 2 Type 1 and 2	2.64.10 2.64.10 32.64.30 32.64.30
Econolite ATMS Software	Centracs Centracs Local Edition (Standalone)		2.0 2.0
Intelight	X1 X1L (Lite) X2 (Color Touch Screen) X3 X3 (Color Touch Screen) X3L (Lite)	Type 1 and 2 Type 1 and 2 Type 1 and 2 Type 1 and 2 Type 1 and 2 Type 1 and 2	1.9.11 1.9.11 1.9.11 1.9.11 1.9.11 1.9.11
Intelight ATMS Software	MaxView		1.8.5.494
McCain, Inc.	M57970 (ATCeX2) M57390 (ATCeX2)	Type 1 Type 2	1.11.0 1.11.0
McCain ATMS Software	Transparity		1.4
Peek Traffic Corporation	ATC 1000 Gen 1 ATC 1000 Gen 2	Type 1 and 2 Type 1 and 2	3.18 3.18
Peek ATMS Software	Spinnaker ATC Link (Standalone)		2.0 3.25
Siemens	8130-0400-*** (M52) 8130-1900-*** (M52) 8130-0402-*** (M52) 8130-0402-*** (M52 Master/Local Combo) 8132-0000-*** (M60 NEMA Linux)** 8133-0000-*** (M60 ATC Lite)** 8133-0004-*** (M60)**	Type 2* Type 2* Type 2* Type 2* Type 2* Type 2* Type 2*	4.58c/3.58c 4.58c/3.58c 4.58c/3.58c 4.10/3.58c 5.2 5.2 5.2
Siemens ATMS Software	Tactics		5.2
Trafficware (Engineered by Naztec)	50099-22300-1 50099-20300-1 50260-2001 50260-2011 50280-2140 50280-2240	980 Type 1 980 Type 2 ATC Type 1 ATC Type 2 980 ATC Type 1 980 ATC Type 2	61.4u 61.4u 76.15g 76.15g 76.15g 76.15g
Trafficware ATMS Software	ATMS.Now Street Sync (Standalone)		2.7 1.5

*Only Type 2 Siemens controllers with power adapter cables are being supplied to TxDOT.

** Not compatible Econolite Accuscan 600, 1000 and Smartmicro Type 32 radar systems when using SDLC. Use expansion module (contact closure) cards.

*** This denotes latest approved software by TRF-TM Signal Operations Branch.

CABINET ASSEMBLY NEMA, TS-2, Pole-Mount/Base-Mount (12 and 16 positions), SDLC Traffic Controller Assembly without ABC Connectors

Manufacturer	Model/Part #	Configuration
Econolite	CAB17366 (E) • Model P44 • Part#170-1020-521-2-84 CAB17366 • Model P44 • Part#170-1020-521-2	Size 6, 16-position, Base Mount Size 6, 16-Position, Base Mount
Henke Enterprises, Inc.	M128T-TS2-1 P128T-TS2-1 P168T-TS2-1 HEN-TS2	Size 5, 12-position, Pole Mount Size 6, 12-position, Base Mount Size 6, 16-position, Base Mount Size 6, 16-position, Base Mount
McCain	M47800	Size 6, 16-postion, Base Mount
Mobotrex Distribution (formerly Brown Traffic)	EL712-TX2 EL702-TX2 EL702-TX2P	Size 6, 16-position, Base Mount Size 5, 12-position, Base Mount Size 5, 12-position, Pole Mount
Paradigm Traffic Systems, Inc.	PT-M55128TS2-1 PT-P44128TS2-1 PT-P44168TS2-1	Size 5, 12-postion, Pole Mount Size 6, 12-position, Base Mount Size 6, 16-position, Base Mount
Peek Traffic Corp.	8500-17568 8500-17568-01	Size 6, 16-position, Base Mount Size 6, 16-position, Base Mount
RTC Manufacturing	TS-2-P16-TX	Size 6, 16-postion, Base Mount
Trafficware (Engineered by Naztec)	70006-TS2TX 70006-3044 70006-3044(E) 70006-TS2TX12 70008-TS2TX12 70006-3060	Size 6, 16-position, Base Mount Size 6, 16-position, Base Mount Size 6, 16-position, Base Mount Size 6, 12-position, Base Mount Size 5, 12-position, Pole Mount Size 6, 16-position, Base Mount

Malfunction Management Unit (MMU), NEMA, TS-2

Manufacturer	Model	Software/Firmware Version
Eberle Design (EDI)	***MMU-16LE ***MMU-16LEip ***MMU2-16LE MMU2-LEip	** ** 7.4 7.4
Eberle Design (EDI) Software	Eccom	4.5
Trafficware (Engineered by Naztec)	516L MMU	2.28

**Not NEMA FYA compliant unless updated to 7.3, then they become MMU2's which meets the NEMA FYA Standard.
***These models are not to be purchased anymore.

FLASHER NEMA, TS-2, Two-Circuit, Solid State, 15-Amp

Manufacturer	Model
Eberle Design (EDI)	810
GDI	204
PDC	204

LOADSWITCH NEMA, TS-2, Three-Circuit, Solid State, 10-Amp

Manufacturer	Model
Eberle Design (EDI)	510
PDC	200
TSC	200

BUS INTERFACE UNIT (BIU) NEMA, TS-2

Manufacturer	Model
Eberle Design (EDI)	BIU-700
Econolite	160-1003-501
Eagle (By Mobotrex formerly Siemens)	BIU-200
Trafficware (Engineered by Naztec)	BIU-130 BIU-700-TW (Same as EDI BIU-700)

Power Supply (PS), NEMA, TS-2

Manufacturer	Model
Eagle (Mobotrex Distribution, formerly Brown Traffic)	CPS105
Eberle Design (EDI)	PS250A PS250B
Trafficware (Engineered by Naztec)	PS2D

Surge Protection Device (SPD)

Manufacturer	Model
Citel	DS72US-120S/G (SPD) DUC31 (EMI/RFI Filter) DS72US-120S/G-F-ASSM (SPD & Filter) M50-120S-A (SPD) M50-120S-B (SPD) M50F-120S-A (SPD & Filter) M50F-120S-B (SPD & Filter)
Dehn	SN 4616 (Part #989409/S)
Eaton	ITCF1203-RJ
Emerson	SHA-1235FS
HESCO	SPD 130K V2

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