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CITY OF ELK GROVE
PUBLIC WORKS

APPROVED MATERIALS LIST
FOR TRAFFIC SIGNAL CABINETS AND COMPONENTS

A blue ink signature of Jefferey R. Werner, written over a horizontal line.

JEFFEREY R. WERNER

PUBLIC WORKS DIRECTOR/ CITY ENGINEER

A blue ink signature of Shoab Ahrary, P.E., written over a horizontal line.

SHOAIB AHRARY, P.E.

ENGINEERING SERVICES DIVISION MANAGER

A blue ink signature of Ryan D. Chapman, P.E., written over a horizontal line.

RYAN D. CHAPMAN, P.E.
CITY TRAFFIC ENGINEER

DECEMBER 2021

**APPROVED MATERIALS LIST
FOR TRAFFIC SIGNAL CABINETS AND COMPONENTS**

The following items are approved for use in the City of Elk Grove:

Revised: 12/06/2021

Component Type	Approved Equipment
Controller Cabinet	“Western System” Stretch P TS2-1 Signal Controller Cabinet, Drawing No. 2515010068.
	“Cubic Transportation Systems-Trafficware” Stretch P TS2-1 Signal Controller Cabinet, Model No. 70006-3072-WCF2070000.
	“McCain” Stretch P TS2-1 Signal Controller Cabinet
Controller	“Trafficware” ATC 980 v6, TS2-1, 4 Port, LNX, V76 with Ethernet and USB
	“Trafficware” 2070LX, 1C, v6,2A,3B,4A,7B,V76
MMU	“EDI” MMU-16-LE (ip)
	“Trafficware” MMU 516 L-E
BIU	“Eberle Design Inc. (EDI)” BUI-700
	“Econolite” BIU-64
Flasher	“Reno” FI-200
	“EDI” Model 810
	“Power Distribution & Control, Inc.” SSF-86-3
Load Switch	“Power Distribution & Control, Inc.” SSS-86-3
	“EDI” Model 510
Modem Network Switch	“Actelis” (Model –ML688) with 6 feet patch cable
	“Actelis” (Model –ML5114D) with 6 feet patch cable
Power Supply	“Reno A&E TS-2
	“EDI” PS-250
Battery Backup System	Cabinet: “Alpha” S6 16 inch SE48-1616
	Module: “Alpha” FXM1100-Ethernet with 10 feet patch cable
	Battery: “Alpha” Battery Model 150XTV
Service Equipment Enclosure	“Caltrans” Type III-CF Service Equipment Enclosure with dual meters for Traffic Signal and Lighting
Pedestrian Push Button	“Polara’s iNavigator” 2-wire APS System with Custom Location Voice Message and 6 feet patch cable
Bike Loop Detector	“Reno A&E” Model C 1200 –Bike
Vehicle Loop Detector	“Reno A&E” Model E/2-1500 four channel
	“EDI” Oracle-4H
Video Detection System	“Iteris” Vantage Vector Sensor with video and radar and Vantage Next WDR cameras, with four-channel CCU’s
CCTV Traffic Monitoring Camera and Accessories	Camera: “Avigilon” PTZ Camera: 2.0C-H5A- PTZ- DP36
	Camera Mount: "Avigilon": IRPTZ-MNT-WALL1 and H4-MT-POLE1
	DVR: "Avigilon" VMA-ENVR1-8P4A
	Camera License: ACC7-ENT
	Modem: Cradlepoint IBR900/1200M MA3-0900120B-NNA
	Modem Power Supply: 170716-000
Antenna: "Parsec" PRO2ST2L06B	