

Note: This list provides additional detailed product information that cannot be presented on the ODOT QPL Web Page.

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CMS 733.02 D (2070L CONTROLLERS):			
Manufacturer	Model / TEES compliance	Build Number	Build Date
Siemens	2070L / 2004	6.2.0.0.0.81	3/10/2006
Econolite/Safetran	2070L / 2002	V1.01.08.02b	2/28/2007
McCain	2070L / 2002	1.98.006	1/28/2011
Intelight	2070L / 2009	1.4.3.2.0.11	

1104 (2070E CONTROLLERS):			
Manufacturer	Model	Build Number	Build Date
Siemens	2070E	8.0.0.0.0.483	
McCain	2070E	1.1.0.4.0.1	6/10/2011
Econolite/Safetran	2070E	1.1.1.0.819.1	9/14/2011
Intelight	2070E	1.4.3.2.0.11	

CMS 733.03C,E (Caltrans 332, 336 Cabinets):			
Manufacturer	Model / TEES Compliance	Part Number	Comment
Econolite/Safetran	332L / 2009	ZCAB-3321-OH	add "G" suffix for gen. panel
Econolite/Safetran	336L / 2009	ZCAB-336SL	add "G" suffix for gen. panel
McCain	332L / 2009	M48091-332L	with generator panel
McCain	332L / 2009	M36126-332L	w/o generator panel
McCain	336L / 2009	M48093-336L	with generator panel
McCain	336L / 2009	M36124-336L	w/o generator panel
Intelight	332L / 2009	8001-L	
Intelight	336L / 2009	80021-L, 83331-L	
Siemens	332 / NA	JBS2332LTOH01	w/206L power supply

809.05.A - CCTV IP-Camera System, Dome-Type			
Manufacturer	Model	Part Number	Comment
TKH/Optelecom / Siquira	HSD626	HSD626/N	
COHU	3920	3920 SD24-1000	
Pelco	Spectra IV IP H.264	SD435-PG-E1	

Camera is to be provided with 130 ft of composite cable with AMP style connector to attach to lowering unit pigtail connector at top of pole.

809.05.B - CCTV IP-Camera System - Tunnel / Wall			
Manufacturer	Model	Part Number	Comment
COHU	3960	3960 HD37-8000	

809.05.C - CCTV IP-Camera System - Portable			
Manufacturer	Model	Part Number	Comment
Mobile Pro Systems	MPS-2800		
Wanco	WCTB51040		
Netvision	solr2130		
ASTI	EZCAM		

Systems shall be configured with one of the following camera types: Pelco Spectra IV IP h.264, Siquira/Optelecom hsd626, CoHU 3920, CoHU 3960

809.05.D - CCTV IP-Camera - Local Camera Control Unit			
Manufacturer	Model	Part Number	Comment
Treehaven Technologies	RVSFB120RNET		

809.06.A - CCTV Concrete Pole with Lowering Unit			
Manufacturer	Model	Part Number	Comment
MG Squared		CLDMG2-HYPIP+7-082CON-WCD-PELIC	

809.06.B - CCTV Lowering Unit			
Manufacturer	Model	Part Number	Comment
MG Squared		CLDMG2-HYPIP+7-070MH	

809.07.A - Dynamic Message Sign (DMS) - Full-Size Walk-In			
Manufacturer	Model	Part Number	Comment
Daktronics	VF-2020	Ohio DOT-2015-VF-2020-27x105-66-A	Monochrome Display
Daktronics	VF-2020	Ohio DOT-2015-VF-2020-96x336-20-RGE	Color Display

809.07.B - Dynamic Message Sign (DMS) - Front-Access			
Manufacturer	Model	Part Number	Comment
Daktronics	VF-2420	Ohio DOT-2015-VF-2420-27x60-66-A	Monochrome Display
Daktronics	VF-2420	Ohio DOT-2015-VF-2420-96x192-20-RGE	Color Display

809.07.C - Destination Dynamic Message Sign (DDMS) - Freeway			
Manufacturer	Model	Part Number	Comment
Daktronics	VM-1020	Ohio DOT-2015-VM-1020-7x15-66-A	Monochrome Display

809.07.D - Destination Dynamic Message Sign (DDMS) - Arterial			
Manufacturer	Model	Part Number	Comment
Daktronics	VM-1020	Ohio DOT-2015-VM-1020-7x15-46-A	Monochrome Display

809.08.A - Highway Advisory Radio (HAR) Assembly			
Manufacturer	Model	Part Number	Comment
MH Corbin	BlackMax	ODOT-HAR2014-01	

809.08.B - Highway Advisory Radio (HAR) Flashing Beacon System			
Manufacturer	Model	Part Number	Comment
MH Corbin	Flashing Beacon Controller	ODOT-CMC-100	

809.09.A ITS Cabinet - Ground-Mounted			
Manufacturer	Model	Part Number	Comment
Southern Manufacturing		SOUH-WE334-ODOT-ITS-B	

809.09.B ITS Cabinet - Pole-Mounted			
Manufacturer	Model	Part Number	Comment
Southern Manufacturing		SOUH-WE3RAL1-8T462422	

809.09.C ITS Cabinet - Power Distribution Cabinet (PDC)			
Manufacturer	Model	Part Number	Comment
Southern Manufacturing		Ohio DOT PDC Cabinet	

809.09.D ITS Cabinet - Ramp Meter			
Manufacturer	Model	Part Number	Comment
Submit all Product Submittals to Office of Traffic Operations for Approval			

809.10.A Closed Loop Arterial Traffic Signal System			
Manufacturer	Product	Model\Part\Build #	Comments
Siemens	Tactics Marc	Tactics Ver 2.2.2	Requires SEPAC and SEMARC equipped field controllers
McCain, Inc.	Transparity TMS	TMS	
Econolite Control Products	Aries TMS	34500G1 ver 3.82 or later	
Intelight	MaxView Closed Loop	1.7.31	
Wapiti Micro Systems	Traffic View 32	1.50.19	

809.10.B Centrally Controlled Arterial Traffic Signal System			
Manufacturer	Product	Model\Part\Build #	Comments
Siemens	Tactics Central (Up to 100 Intersections), Enterprise (Over 100 Intersections)	Tactics Ver 2.2.2	Requires SEPAC / SEMARC / TEMPO equipped field controllers
McCain, Inc.	Transparity TMS	TMS	
Econolite Control Products	Centrac ATMS	Ver 1.9.13.33 or later	
Intelight	MaxView ATMS	1.7.31	

809.10.C Highway Rail/Traffic Signal Pre-emption			
Manufacturer	Product	Model\Part\Build #	Comments
Siemens	SEPAC for M-50 Series of Traffic Controllers and 2070E	M-52, 2070E, with at least SEPAC 3.34h Software	Requires SEPAC equipped field controllers
Econolite Control Products	ASC3 NEMA Controller	2.58.00 or later	
Econolite Control Products	ASC3 2070 Software	22.58.00 or later	
Econolite Control Products	Cobalt Touch - NEMA Controller	32.58.00 or later	

809.10.D Traffic Signal System with Emergency Vehicle Pre-emption			
Manufacturer	Product	Model\Part\Build #	Comments
Siemens	SEPAC for M-50 Series of Traffic Controllers and 2070E	M-52, 2070E, with at least SEPAC 3.34h Software	Requires SEPAC equipped field controllers
Econolite Control Products	ASC3 NEMA Controller	2.58.00 or later	
Econolite Control Products	ASC3 2070 Software	22.58.00 or later	
Econolite Control Products	Cobalt Touch - NEMA Controller	32.58.00 or later	
Wapiti Micro Systems	Right O' Way Emergency Pre-emption System	R.O.W. 2R	Acoustic Pre-emption
Emtrac Systems	RF-GPS Priority Detector	ST-9283	GPS Pre-emption
Emtrac Systems	Optical Priority Detector	ST-9320 / ST-9340	Optical Pre-emption

809.10.E Traffic Signal System with Transit Priority			
Manufacturer	Product	Model\Part\Build #	Comments
Siemens	SEPAC for M-50 Series of Traffic Controllers and 2070E	M-52, 2070E, with at least SEPAC 3.5.3 Software	Requires SEPAC equipped field controllers
Econolite Control Products	ASC3 NEMA - TSP Datakey	2.58.00 or later SFDK100000000	Enabled via special datakey
Econolite Control Products	ASC3 2070 - TSP datakey	22.58.00 or later SFDK100000000	Enabled via special datakey
Econolite Control Products	Cobalt Touch - TSP datakey	32.58.00 or later SFDK100000000	Enabled via special datakey
Intelight	MaxTime	1.7.2.1	

809.11.A Ramp Meter System			
Manufacturer	Product	Model\Part\Build #	Comments
McCain, Inc.	2042	S-2042	
Intelight	MaxTime Ramp Meter	1.1.4	

809.10.F Adaptive Traffic Control System			
Manufacturer	Product	Model\Part\Build #	Comments
Siemens	ACS Lite	Ver 1.7.0	Requires SEPAC equipped field controllers
McCain, Inc.	QuicTrac Technology		
Econolite Control Products	Centracs Adaptive	Centracs Adaptive	

809.12.A - Side-Fired Radar Detector			
Manufacturer	Model	Part Number	Comment
Econolite	EIS RTMS G4		

809.12.B - Advance Detection			
Manufacturer	Model	Part Number	Comment
Wavetronix	SmartSensor	SmartSensor Advance	
Wavetronix	SmartSensor	SmartSensor Advance Extended Range	

809.12.C - Stop-Bar Detection			
Manufacturer	Model	Part Number	Comment
Wavetronix	SmartSensor	SmartSensor Matrix	
SmartMicro	UMRR-0A	Traffic Sensor Type 30	
SmartMicro	UMRR-0A	Traffic Sensor Type 31	

809.12.D - Stop Bar & Advance Detection			
Manufacturer	Model	Part Number	Comment
SmartMicro	UMRR-0A	Traffic Sensor Type 29	

919 (RAILROAD PREEMPTION INTERFACE- CONTROLLERS/SOFTWARE):			
Manufacturer	Model / TEES compliance	Build Number	Comment
Econolite, Siemens	2070L / as above	as above	<u>WITH IN-CABINET RELAY BOARD</u> , LA-TSCP V software and C11
Econolite	ASC3 / NA	as per ODOT QPL	<u>WITH IN-CABINET RELAY BOARD</u>
Siemens	2070L / as above	as above	<u>WITH IN-CABINET RELAY BOARD</u> , SEPAC software
Econolite, Siemens	2070L / as above	as above	<u>WITH SOLID-STATE (DC ISOLATOR) INTERFACE</u> , LA-TSCP V software w/ C11
Econolite	ASC3 / NA	as per ODOT QPL	<u>WITH SOLID-STATE (DC ISOLATOR) INTERFACE</u>
Siemens	2070L / as above	as above	<u>WITH SOLID-STATE (DC ISOLATOR) INTERFACE</u> , SEPAC software

Econolite, Siemens	2070L / as above	as above	<u>WITH IEEE 1570 INTERFACE</u> and LA-TSCP V
Econolite	ASC3 / NA	as per ODOT QPL	<u>WITH IEEE 1570 INTERFACE</u>
Econolite, Siemens	2070L / as above	as above	<u>WITH CTC RAILROAD PREEMPTION INTERFACE CARD</u> and LA-TSCP V
Econolite	ASC3 / NA	as per ODOT QPL	<u>WITH CTC RAILROAD PREEMPTION INTERFACE CARD</u>
Siemens	2070L / as above	as above	<u>WITH CTC RAILROAD PREEMPTION INTERFACE CARD</u> and SEPAC software