

Appendix A - WSDOT ITS Proprietary Equipment List

Group #	Category #	Entry #	Item #	Group Description	Category Description	ER Approval	NCR Approval	NWR Approval	OR Approval	SCR Approval	SWR Approval	Approved Equipment	Approved Manufacturer	Website	Approval Date	Expiration Date	Comments	
1	1	1	1.1.1	Battery Backup Systems	General	X	X	X	X	X	X	FXM 2000 and supporting equipment	Alpha Technologies, Ltd.	www.alpha.ca	1-Jul-2021	30-Jun-2023		
1	2	1	1.2.1	Battery Backup Systems	Large Microwave Site	X	X	X	X	X	X		Alpha Technologies, Ltd.	www.alpha.ca	1-Jul-2021	30-Jun-2023		
1	3	1	1.3.1	Battery Backup Systems	Small Microwave Site	X	X	X	X	X	X		Newmar	www.newmarpower.com	1-Jul-2021	30-Jun-2023		
2	1	1	2.1.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Antennas	X	X	X	X	X	X		Sinclair Technologies, Inc.	www.sinctech.com	1-Jul-2021	30-Jun-2023		
2	2	1	2.2.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Automatic Vehicle Identification (AVI) System	X	X	X	X	X	X		Telematics Wirelss USA Corp	www.telematics-wireless.com	1-Jul-2021	30-Jun-2023		
2	3	1	2.3.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Bending Plate Load Sensor	X	X	X	X	X	X	IRD-PAT Bending Plate	International Road Dynamics, Inc.	www.irdinc.com	1-Jul-2021	30-Jun-2023		
2	4	1	2.4.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - High Accuracy Weight Sensor	X	X	X	X	X	X	Weigh-in-Motion Strip Sensor	Intercomp, Company	www.intercompcompany.com	1-Jul-2021	30-Jun-2023		
2	5	1	2.5.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Class I & II Piezoelectric Sensor	X	X	X	X	X	X	RoadTrax BL	TE Connectivity	www.te.com/usa-en/home.html	1-Jul-2021	30-Jun-2023		
2	6	1	2.6.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Controller System	X	X	X	X	X	X		International Road Dynamics, Inc.	www.irdinc.com	1-Jul-2021	30-Jun-2023		
2	7	1	2.7.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - CVOCS	X	X	X	X	X	X		International Road Dynamics, Inc.	www.irdinc.com	1-Jul-2021	30-Jun-2023		
2	8	1	2.8.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - CVReader and Confirmation Reader System	X	X	X	X	X	X		International Road Dynamics, Inc.	www.irdinc.com	1-Jul-2021	30-Jun-2023		
2	9	1	2.9.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Infrared Illuminator	X	X	X	X	X	X	Raymax Series	Raytec Americas	www.rayteccctv.com	1-Jul-2021	30-Jun-2023		
2	10	1	2.10.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Lane Control System	X	X	X	X	X	X		Orange Traffic	www.orangetraffic.com	1-Jul-2021	30-Jun-2023		
2	11	1	2.11.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - License Plate Reader (LPR) Camera	X	X	X	X	X	X		Perceptics, LLC	www.perceptics.com	1-Jul-2021	30-Jun-2023		
2	12	1	2.12.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Load Cell Scale	X	X	X	X	X	X		International Road Dynamics, Inc.	www.irdinc.com	1-Jul-2021	30-Jun-2023		
2	13	1	2.13.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Manual Override Console	X	X	X	X	X	X		International Road Dynamics, Inc.	www.irdinc.com	1-Jul-2021	30-Jun-2023		
2	14	1	2.14.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Overheight Detector	X	X	X	X	X	X		Trigg Industries, LLC	www.triggindustries.com	1-Jul-2021	30-Jun-2023		
2	15	1	2.15.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Security Camera	X	X	X	X	X	X		CohuHD Costar, LLC	www.cohuhd.com	1-Jul-2021	30-Jun-2023		
2	16	1	2.16.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Site Overview Camera	X	X	X	X	X	X	Axis Q16 Series	Axis Communications, Inc.	www.axis.com	1-Jul-2021	30-Jun-2023		
2	17	1	2.17.1	Commercial Vehicle Management	Weigh-in-Motion (WIM) System - Site Overview Camera Support System	X	X	X	X	X	X		International Road Dynamics, Inc.	www.irdinc.com	1-Jul-2021	30-Jun-2023		
3	1	1	3.1.1	Data Collection	Induction Loop Detector Cards	X	X	X	X	X	X		Reno A&E	www.renoae.com	1-Jul-2021	30-Jun-2023		
3	2	1	3.2.1	Data Collection	Infrared Video - Counting Only	X	X	X	X	X	X	TIRTL System	CEOS Pty Ltd	www.ceos.com.au	1-Jul-2021	30-Jun-2023		
3	3	1	3.3.1	Data Collection	Infrared Video - Traffic Signal Systems	X	X	X	X	X	X		FLIR Systems, Inc.	www.flir.com	1-Jul-2021	30-Jun-2023		
3	4	1	3.4.1	Data Collection	License Plate Reader (LPR)	X	X	X	X	X	X	PIPS Technology P492 ALPR Camera	Neology, Inc.	www.pipstechnology.com	1-Jul-2021	30-Jun-2023		
3	5	1	3.5.1	Data Collection	Magnetometer (Wireless)	X	X	X	X	X	X		Sensys Networks, Inc.	www.sensysnetworks.com	1-Jul-2021	30-Jun-2023		
3	6	1	3.6.1	Data Collection	Media Access Control (MAC) Tracking Equipment						X	Bluemac x7	Bluemac Analytics	www.bluemacanalytics.com	1-Jul-2021	30-Jun-2023		
3	6	2	3.6.2	Data Collection	Media Access Control (MAC) Tracking Equipment	X	X	X	X	X	X	BlueTOAD	TrafficCast International, LLC	www.trafficcast.com	1-Jul-2021	30-Jun-2023		
3	7	1	3.7.1	Data Collection	Microwave (Presence, Speed, Count, and Classification)	X	X	X	X	X	X	SmartSensor Series	Wavetronix LLC	www.wavetronix.com	1-Jul-2021	30-Jun-2023		
3	8	1	3.8.1	Data Collection	Microwave (Speed Only)	X	X	X	X	X	X		SpeedInfo	www.speedinfo.com	1-Jul-2021	30-Jun-2023		
3	9	1	3.9.1	Data Collection	Permanent Traffic Recorders	X	X	X	X		X	BlackCat or Gen2 RADAR	Jamar Technologies	www.jamartech.com	1-Jul-2021	30-Jun-2023		
3	9	2	3.9.2	Data Collection	Permanent Traffic Recorders					X		Phoenix II	Diamond Traffic Products	www.diamondtraffic.com	1-Jul-2021	30-Jun-2023		
3	10	1	3.10.1	Data Collection	Permanent Traffic Recorders - For TDGO Applications	X	X	X	X	X	X		Diamond Traffic Products	www.diamondtraffic.com	1-Jul-2021	30-Jun-2023		
3	11	1	3.11.1	Data Collection	Portable Surveillance Trailers	X	X	X	X	X	X		Surveillance Systems	Wanco, Inc.	www.wanco.com	1-Jul-2021	30-Jun-2023	
3	12	1	3.12.1	Data Collection	Roadway Weather Information Systems (RWIS)	X	X	X	X	X	X		Vaisala, Inc.	www.vaisala.com/en	1-Jul-2021	30-Jun-2023		
3	13	1	3.13.1	Data Collection	Roadway Weather Information Systems (RWIS) - Tower Structure	X	X	X	X	X	X	MF-13XX Fold Over Tower	GlenMartin	glenmartin.com	1-Jul-2021	30-Jun-2023		
3	14	1	3.14.1	Data Collection	Data Aggregator	X						DA-300	Eberle Design, Inc.	www.editrtraffic.com	1-Jul-2021	30-Jun-2023		
4	1	1	4.1.1	Dynamic Message Signs (DMS)	Blank-Out Type	X	X	X	X	X	X		Wells Signs, Inc.	www.wellssigns.com	1-Jul-2021	30-Jun-2023		
4	2	1	4.2.1	Dynamic Message Signs (DMS)	Compact (Variable Speed Limit or Lane Utilization Type)	X	X	X	X	X	X	Vanguard VX-24XX Series	Daktronics, Inc.	www.daktronics.com	1-Jul-2021	30-Jun-2023		
4	3	1	4.3.1	Dynamic Message Signs (DMS)	Large - Front Access Type	X	X	X	X	X	X	Vanguard VF-2420 Series	Daktronics, Inc.	www.daktronics.com	1-Jul-2021	30-Jun-2023		
4	4	1	4.4.1	Dynamic Message Signs (DMS)	Large - Ground Mounted	X	X	X	X	X	X		ADDCO, Inc.	www.addco.com	1-Jul-2021	30-Jun-2023		
4	5	1	4.5.1	Dynamic Message Signs (DMS)	Large - Walk-In Type	X	X	X	X	X	X	Vanguard VF-2020 Series	Daktronics, Inc.	www.daktronics.com	1-Jul-2021	30-Jun-2023		
4	6	1	4.6.1	Dynamic Message Signs (DMS)	Mechanical / Rotating Drum	X	X	X	X	X	X		Skyline Products	www.skylineproducts.com	1-Jul-2021	30-Jun-2023		
4	7	1	4.7.1	Dynamic Message Signs (DMS)	Vehicle Activated Traffic Control Signs (VACTS) - Automated Curve and Speed Warning Signs	X	X	X	X	X	X	VATCS Series	Unipart Dorman	www.unipartdorman.com	1-Jul-2021	30-Jun-2023		
4	8	1	4.8.1	Dynamic Message Signs (DMS)	Static Sign Embedded (Travel Time/Toll Rate)	X	X	X	X	X	X	Vanguard VM-1020 Series	Daktronics, Inc.	www.daktronics.com	15-Jul-2021	30-Jun-2023	New subcategory added	
5	1	1	5.1.1	Illumination	High Mast Lowering Device System	X	X	X	X	X	X	LD15	Holophane	www.holophane.com	1-Jul-2021	30-Jun-2023		
5	2	1	5.2.1	Illumination	Navigation Lighting System	X	X	X	X	X	X		B&B Roadway	www.bbrss.com	1-Jul-2021	30-Jun-2023		
5	3	1	5.4.1	Illumination	Tunnel Lighting Control System	X	X	X	X	X	X	T-Series	PLC Multipoint	plcmultipoint.com	1-Jul-2021	30-Jun-2023		
6	1	1	6.1.1	Network Communications	Combiners - RS-422 - Camera Control Only	X	X	X					Pelco, by Schneider Electric	www.pelco.com	1-Jul-2021	30-Jun-2023		
6	1	2	6.1.2	Network Communications	Combiners - RS-422 - Camera Control Only				X				Vicon Industries	www.vicon-security.com	1-Jul-2021	30-Jun-2023		
6	2	1	6.2.1	Network Communications	Combiners - RS-422 - General	X	X	X	X	X	X		Vicon Industries	www.vicon-security.com	1-Jul-2021	30-Jun-2023		
6	3	1	6.3.1	Network Communications	Converters (CVISN Applications Only (RS232 to IP, Serial to Ethernet, IP to Fiber))	X	X	X	X	X	X		Moxa, Inc.	www.moxa.com	1-Jul-2021	30-Jun-2023		
6	4	1	6.4.1	Network Communications	Converters (HUB or Cabinet) - IP to Fiber	X					X		Sigura, Inc.	www.sigura.com	1-Jul-2021	30-Jun-2023	Formerly Optelecom	
6	4	2	6.4.2	Network Communications	Converters (HUB or Cabinet) - IP to Fiber		X	X	X	X			Advantech B&B SmartWorx	www.bb-elec.com	1-Jul-2021	30-Jun-2023		
6	5	1	6.5.1	Network Communications	Converters (HUB or Cabinet) - RS422 to RS232		X	X	X	X			Advantech B&B SmartWorx	www.bb-elec.com	1-Jul-2021	30-Jun-2023		
6	5	2	6.5.2	Network Communications	Converters (HUB or Cabinet) - RS422 to RS232	X							Black Box Corp.	www.blackbox.com	1-Jul-2021	30-Jun-2023		

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6	6	1	6.6.1	Network Communications	Converters (HUB or Cabinet) - Serial to IP					X			Advantech B&B SmartWorx	www.bb-elec.com	1-Jul-2021	30-Jun-2023	
6	6	2	6.6.2	Network Communications	Converters (HUB or Cabinet) - Serial to IP		X	X					Moxa, Inc.	www.moxa.com	1-Jul-2021	30-Jun-2023	
6	6	3	6.6.3	Network Communications	Converters (HUB or Cabinet) - Serial to IP	X			X		X	Ruggedcom Series	Siemens, AG	w3.siemens.com/mcims/industrial-communication/en/rugged-communication/ruggedcom-portfolio/Pages/portfolio.aspx	1-Jul-2021	30-Jun-2023	
6	7	1	6.7.1	Network Communications	Cross-Connect Panels	X	X	X	X	X	X		TE Connectivity	www.te.com/usa-en/home.html	1-Jul-2021	30-Jun-2023	
6	8	1	6.8.1	Network Communications	Fiber Optic Patch Panels	X					X		Amphenol Telect	www.telect.com	1-Jul-2021	30-Jun-2023	
6	8	2	6.8.2	Network Communications	Fiber Optic Patch Panels						X		Bejed, Inc.	www.bejed.com	1-Jul-2021	30-Jun-2023	
6	8	3	6.8.3	Network Communications	Fiber Optic Patch Panels		X						TE Connectivity	www.te.com/usa-en/home.html	1-Jul-2021	30-Jun-2023	
6	8	4	6.8.4	Network Communications	Fiber Optic Patch Panels			X	X				Wesco/Communications Supply Corp.	www.wesco.com	1-Jul-2021	30-Jun-2023	
6	9	1	6.9.1	Network Communications	Fuse / Alarm Panels	X	X						Amphenol Telect	www.telect.com	1-Jul-2021	30-Jun-2023	
6	9	2	6.9.2	Network Communications	Fuse / Alarm Panels			X	X	X	X		Communications Network Systems, Inc.	www.telect.com	1-Jul-2021	30-Jun-2023	Cannot locate company
6	10	1	6.10.1	Network Communications	Modems - Cellular "Dial-up" (General Use)		X	X	X	X	X	ConnectPort and TransPort Series	Digi International	www.digi.com	1-Jul-2021	30-Jun-2023	
6	10	2	6.10.2	Network Communications	Modems - Cellular "Dial-up" (General Use)	X							Telular	www.telular.com	1-Jul-2021	30-Jun-2023	
6	11	1	6.11.1	Network Communications	Modems - Hard-Line (POTS) Dial Up (General Use)	X		X	X		X	MDS iNET Series	General Electric	www.gegridsolutions.com	1-Jul-2021	30-Jun-2023	
6	11	2	6.11.2	Network Communications	Modems - Hard-Line (POTS) Dial Up (General Use)		X			X			Raymar Telenetics	www.raymar-telenetics.com	1-Jul-2021	30-Jun-2023	
6	12	1	6.12.1	Network Communications	Modems - Hard-Line (POTS) Dial Up (TDGO Specific)	X	X	X	X	X	X		Infotec	www.infotec.com	1-Jul-2021	30-Jun-2023	
6	13	1	6.13.1	Network Communications	Modems - Cellular IP (General Use)	X	X	X	X	X	X	AirLink Series	Sierra Wireless	www.sierrawireless.com	1-Jul-2021	30-Jun-2023	
6	14	1	6.14.1	Network Communications	Modems - Cellular IP (TDGO Specific)	X	X	X	X	X	X	AirLink Series	Sierra Wireless	www.sierrawireless.com	1-Jul-2021	30-Jun-2023	
6	15	1	6.15.1	Network Communications	Modems - Twisted Pair Networking	X	X	X	X	X	X		GDI Communications, LLC	www.sqdi.com	1-Jul-2021	30-Jun-2023	
6	16	1	6.16.1	Network Communications	Router (Ethernet)	X	X	X	X	X	X		Cisco Systems, Inc.	www.cisco.com	1-Jul-2021	30-Jun-2023	
6	17	1	6.17.1	Network Communications	Switches - Video or Data - Analog, Ethernet, and Fiber - For DIS or IT (Not for ITS)	X	X	X	X	X	X		Cisco Systems, Inc.	www.cisco.com	1-Jul-2021	30-Jun-2023	
6	18	1	6.18.1	Network Communications	Switches - Video or Data - Analog, Ethernet, and Fiber - For ITS	X							Vicon Industries	www.vicon-security.com	1-Jul-2021	30-Jun-2023	
6	18	2	6.18.2	Network Communications	Switches - Video or Data - Analog, Ethernet, and Fiber - For ITS		X			X		IFS Series	Interlogix	www.interlogix.com	1-Jul-2021	30-Jun-2023	
6	18	3	6.18.3	Network Communications	Switches - Video or Data - Analog, Ethernet, and Fiber - For ITS			X	X			American Dynamics	Tyco International Ltd.	www.americandynamics.net	1-Jul-2021	30-Jun-2023	
6	18	4	6.18.4	Network Communications	Switches - Video or Data - Analog, Ethernet, and Fiber - For ITS						X		Philips		1-Jul-2021	30-Jun-2023	
6	19	1	6.19.1	Network Communications	Switches - Video or Data - Analog, Ethernet, and Fiber - For Transmitting Video Externally Through a Web Service	X	X	X	X	X	X		Blonder Tongue Laboratories, Inc.	www.blondertongue.com	1-Jul-2021	30-Jun-2023	
6	20	1	6.20.1	Network Communications	Switches - Video or Data - Ethernet Only	X						Industrial Ethernet Series	Cisco Systems, Inc.	www.cisco.com	1-Jul-2021	30-Jun-2023	
6	20	2	6.20.2	Network Communications	Switches - Video or Data - Ethernet Only		X			X			EtherWAN Systems, Inc.	www.etherwan.com/us	1-Jul-2021	30-Jun-2023	
6	20	3	6.20.3	Network Communications	Switches - Video or Data - Ethernet Only			X	X		X	Ruggedcom Series	Siemens, AG	w3.siemens.com/mcims/industrial-communication/en/rugged-communication/ruggedcom-portfolio/Pages/portfolio.aspx	1-Jul-2021	30-Jun-2023	
6	21	1	6.21.1	Network Communications	Switches - Voice over IP (VoIP)	X	X	X	X	X	X		Ribbon Communications Operating Comp	ribboncommunications.com	1-Jul-2021	30-Jun-2023	Formerly Sonus
6	22	1	6.22.1	Network Communications	Synchronous Optical NETWORK (SONET) System	X	X	X	X	X	X		Cisco Systems, Inc.	www.cisco.com	1-Jul-2021	30-Jun-2023	
6	23	1	6.23.1	Network Communications	Terminal Server (Field/Cabinet)	X	X	X	X	X	X	Ruggedcom Series	Siemens, AG	w3.siemens.com/mcims/industrial-communication/en/rugged-communication/ruggedcom-portfolio/Pages/portfolio.aspx	1-Jul-2021	30-Jun-2023	
6	24	1	6.24.1	Network Communications	Terminal Server (HUB)			X	X				Digi International	www.digi.com	1-Jul-2021	30-Jun-2023	
6	24	2	6.24.2	Network Communications	Terminal Server (HUB)	X	X						Lantronix, Inc.	www.lantronix.com	1-Jul-2021	30-Jun-2023	
6	24	3	6.24.3	Network Communications	Terminal Server (HUB)					X	X		Moxa, Inc.	www.moxa.com	1-Jul-2021	30-Jun-2023	
6	25	1	6.25.1	Network Communications	Transceiver (Fiber Optic/Ethernet)	X							Cisco Systems, Inc.	www.cisco.com	1-Jul-2021	30-Jun-2023	
6	25	2	6.25.2	Network Communications	Transceiver (Fiber Optic/Ethernet)		X			X			EtherWAN Systems, Inc.	www.etherwan.com/us	1-Jul-2021	30-Jun-2023	
6	25	3	6.25.3	Network Communications	Transceiver (Fiber Optic/Ethernet)			X					Radiant Communications Corp.	www.rcfiber.com	1-Jul-2021	30-Jun-2023	
6	25	4	6.25.4	Network Communications	Transceiver (Fiber Optic/Ethernet)				X		X	Ruggedcom Series	Siemens, AG	w3.siemens.com/mcims/industrial-communication/en/rugged-communication/ruggedcom-portfolio/Pages/portfolio.aspx	1-Jul-2021	30-Jun-2023	
6	26	1	6.26.1	Network Communications	Transceiver (Fiber Optic/Ethernet) - For Internal and External IT Users ONLY (No ITS)	X	X	X	X	X	X		Cisco Systems, Inc.	www.cisco.com	1-Jul-2021	30-Jun-2023	
6	27	1	6.27.1	Network Communications	Transmission (Video or Data)			X					Artel Video Systems	www.artel.com	1-Jul-2021	30-Jun-2023	
6	27	2	6.27.2	Network Communications	Transmission (Video or Data)	X							Cisco Systems, Inc.	www.cisco.com	1-Jul-2021	30-Jun-2023	
6	27	3	6.27.3	Network Communications	Transmission (Video or Data)		X			X	X		IndigoVision	www.indigovision.com	1-Jul-2021	30-Jun-2023	
6	27	4	6.27.4	Network Communications	Transmission (Video or Data)				X				Siemens, AG	w3.siemens.com/mcims/industrial-communication/en/rugged-communication/ruggedcom-portfolio/Pages/portfolio.aspx	1-Jul-2021	30-Jun-2023	

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6	28	1	6.28.1	Network Communications	Transmitters and Receivers (Video and Data)	X							Cisco Systems, Inc.	www.cisco.com	1-Jul-2021	30-Jun-2023	
6	28	2	6.28.2	Network Communications	Transmitters and Receivers (Video and Data)					X			Interlogix	www.interlogix.com	1-Jul-2021	30-Jun-2023	
6	28	3	6.28.3	Network Communications	Transmitters and Receivers (Video and Data)		X	X			X		Siqura, Inc.	www.siqura.com	1-Jul-2021	30-Jun-2023	Formerly Optelecom
6	28	4	6.28.4	Network Communications	Transmitters and Receivers (Video and Data)				X				Siemens, AG	https://w3.siemens.com/mcims/industry-communication/en/rugged-communication/ruggedcom-portfolio/Pages/portfolio.aspx	1-Jul-2021	30-Jun-2023	
6	29	1	6.29.1	Network Communications	Transmitters and Receivers (Video and Data) - For Internal and External IT Users ONLY (No ITS)	X	X	X	X	X	X		Cisco Systems, Inc.	www.cisco.com	1-Jul-2021	30-Jun-2023	
6	30	1	6.30.1	Network Communications	Video and Data Servers; Video Encoder/Decoder Equipment (Fixed Snap Shot Cameras)	X	X	X	X	X	X		Axis Communications AB	www.axis.com	1-Jul-2021	30-Jun-2023	
6	31	1	6.31.1	Network Communications	Video and Data Servers; Video Encoder/Decoder Equipment (Live Streaming Video Cameras)		X		X	X			IndigoVision	www.indigovision.com	1-Jul-2021	30-Jun-2023	
6	31	2	6.31.2	Network Communications	Video and Data Servers; Video Encoder/Decoder Equipment (Live Streaming Video Cameras)						X		IONodes	www.ionodes.com	1-Jul-2021	30-Jun-2023	
6	31	3	6.31.3	Network Communications	Video and Data Servers; Video Encoder/Decoder Equipment (Live Streaming Video Cameras)			X					Radiant Communications Corp.	www.rccfiber.com	1-Jul-2021	30-Jun-2023	
6	31	4	6.31.4	Network Communications	Video and Data Servers; Video Encoder/Decoder Equipment (Live Streaming Video Cameras)	X							Siqura, Inc.	www.siqura.com	1-Jul-2021	30-Jun-2023	Formerly Optelecom
6	32	1	6.32.1	Network Communications	Video Distribution Amplifier	X	X		X				Interlogix	www.interlogix.com	1-Jul-2021	30-Jun-2023	
6	32	2	6.32.2	Network Communications	Video Distribution Amplifier		X		X				Kramer Electronics	www.kramerav.com/us	1-Jul-2021	30-Jun-2023	
6	32	3	6.32.3	Network Communications	Video Distribution Amplifier						X		Pelco, by Schneider Electric	www.pelco.com	1-Jul-2021	30-Jun-2023	
7	1	1	7.1.1	Network Communications - Wireless	900 Mhz Non-Line of Sight Ethernet or Non-Video Data	X	X	X	X	X	X	MDS iNET Series	General Electric	www.gegridsolutions.com	1-Jul-2021	30-Jun-2023	
7	2	1	7.2.1	Network Communications - Wireless	Antennas		X						Andrew Antenna (CommScope)	www.commscope.com/Andrew-Telecom/	1-Jul-2021	30-Jun-2023	
7	2	2	7.2.2	Network Communications - Wireless	Antennas	X		X	X	X	X		PCTEL	www.pctel.com	1-Jul-2021	30-Jun-2023	Formerly MaxRad Antennas
7	3	1	7.3.1	Network Communications - Wireless	Backbone - Point-to-Point Long Range	X	X	X	X	X	X		Nokia	www.nokia.com	1-Jul-2021	30-Jun-2023	Formerly Alcatel-Lucent
7	4	1	7.4.1	Network Communications - Wireless	Digital for Video and Non-Video Data			X	X	X	X		Encom Wireless	www.encomwireless.com	1-Jul-2021	30-Jun-2023	
7	4	2	7.4.2	Network Communications - Wireless	Digital for Video and Non-Video Data		X						Harris Corp.	www.harris.com	1-Jul-2021	30-Jun-2023	
7	4	3	7.4.3	Network Communications - Wireless	Digital for Video and Non-Video Data	X							Verint	www.verint.com	1-Jul-2021	30-Jun-2023	
7	5	1	7.5.1	Network Communications - Wireless	Interconnect - General Traffic Signal Controller Applications	X	X	X	X	X	X		Astron Wireless	www.astronwireless.com	1-Jul-2021	30-Jun-2023	
7	6	1	7.6.1	Network Communications - Wireless	Interconnect - IP Type (Includes Type 2070 Traffic Signal Controllers)		X			X			Encom Wireless	www.encomwireless.com	1-Jul-2021	30-Jun-2023	
7	6	2	7.6.2	Network Communications - Wireless	Interconnect - IP Type (Includes Type 2070 Traffic Signal Controllers)	X		X	X		X	MDS iNET Series	General Electric	www.gegridsolutions.com	1-Jul-2021	30-Jun-2023	
7	7	1	7.7.1	Network Communications - Wireless	Interconnect - Type 170 Traffic Signal Controllers	X	X	X	X	X	X		Encom Wireless	www.encomwireless.com	1-Jul-2021	30-Jun-2023	
7	8	1	7.8.1	Network Communications - Wireless	Mesh Communication Systems	X	X	X	X	X	X		Firetide, Inc.	www.firetide.com	1-Jul-2021	30-Jun-2023	
7	9	1	7.9.1	Network Communications - Wireless	Monitoring Systems	X	X	X	X	X	X		Fial, Inc.	www.fial.com	1-Jul-2021	30-Jun-2023	
7	10	1	7.10.1	Network Communications - Wireless	Short, Mid and Long Range	X	X	X	X	X	X		Solectek	www.solectek.com	1-Jul-2021	30-Jun-2023	
7	11	1	7.11.1	Network Communications - Wireless	TDGO Applications	X	X	X	X	X	X		Star Microwave	www.starmicrowave.com	1-Jul-2021	30-Jun-2023	Formerly Exalt Communications
7	12	1	7.12.1	Network Communications - Wireless	Towers and Support Equipment	X	X	X	X	X	X		Valmont Industries, Inc.	www.valmont.com	1-Jul-2021	30-Jun-2023	
7	13	1	7.13.1	Network Communications - Wireless	Wide Area Data (Non Line of Sight, Omni)	X	X	X	X	X	X		RF Technology Americas	www.rftechnologyamericas.com	1-Jul-2021	30-Jun-2023	Formerly ipMobileNet
8	1	1	8.1.1	Other	Horizontal Warning Gates	X	X	X	X	X	X	HW Series	B&B Roadway	www.bbrss.com	1-Jul-2021	30-Jun-2023	
8	2	1	8.2.1	Other	Motion Sensor Equipment	X	X	X	X	X	X	Outdoor Wired Detectors	The Crow Group	www.thecrowgroup.com	1-Jul-2021	30-Jun-2023	
8	3	1	8.3.1	Other	Signs - Internally Illuminated (Below Grade or Ground Level for Delineation)	X	X	X	X	X	X	Concourse Flexible Bollard	Traffic Sign Solutions	www.trafficsignsolutions.com	1-Jul-2021	30-Jun-2023	
8	4	1	8.4.1	Other	Signs - Mounting Brackets	X	X	X	X	X	X		Pelco Products, Inc.	www.pelcoinc.com/find-a-product-2/	1-Jul-2021	30-Jun-2023	
8	5	1	8.5.1	Other	Signs - with Embedded Flashing Lights	X	X	X	X	X	X	BlinkerSign Series	TAPCO, Inc.	www.tapconet.com	1-Jul-2021	30-Jun-2023	
9	1	1	9.1.1	Power	Power Supply Systems for Isolated Sites	X	X	X	X	X	X		OutBack Power, Inc.	www.outbackpower.com	1-Jul-2021	30-Jun-2023	
9	2	1	9.2.1	Power	Transient Voltage / Surge Suppression Systems (Communication Applications)	X	X	X	X	X	X	Edco Series	ASCO Power Technologies	www.ascopower.com	1-Jul-2021	30-Jun-2023	
9	3	1	9.3.1	Power	Transient Voltage / Surge Suppression Systems (Line Applications)	X	X	X	X	X	X	Transtector Series	Infinite Electronics International, Inc.	www.transtector.com	1-Jul-2021	30-Jun-2023	
10	1	1	10.1.1	Radio	Highway Advisory Radio (HAR)	X	X	X	X	X	X	BlackMax Series	M. H. Corbin	www.mhcorbin.com	1-Jul-2021	30-Jun-2023	
10	2	1	10.2.1	Radio	Highway Advisory Radio (HAR) - Antenna Equipment Only	X	X	X	X	X	X		Morad Antenna Company	www.morad.com	1-Jul-2021	30-Jun-2023	
11	1	1	11.1.1	Traffic Signals	Conflict Monitors	X	X	X	X	X	X	2010ECL and 2018ECL Series	Eberle Design, Inc.	www.editrtraffic.com	1-Jul-2021	30-Jun-2023	
11	2	1	11.2.1	Traffic Signals	Controller Equipment and Software (170, 2070, 2070L (Light), 2070N (NEMA), and 2070 ATC)				X				Econolite	www.econolite.com	1-Jul-2021	30-Jun-2023	
11	2	2	11.2.2	Traffic Signals	Controller Equipment and Software (170, 2070, 2070L (Light), 2070N (NEMA), and 2070 ATC)	X		X					Intelight	www.intelight-its.com	1-Jul-2021	30-Jun-2023	
11	2	3	11.2.3	Traffic Signals	Controller Equipment and Software (170, 2070, 2070L (Light), 2070N (NEMA), and 2070 ATC)		X						McCain, Inc.	www.mccain-inc.com	1-Jul-2021	30-Jun-2023	
11	2	4	11.2.4	Traffic Signals	Controller Equipment and Software (170, 2070, 2070L (Light), 2070N (NEMA), and 2070 ATC)						X		Trafficware	www.trafficware.com	1-Jul-2021	30-Jun-2023	
11	3	1	11.3.1	Traffic Signals	Emergency Vehicle Preemption (EVP) Equipment	X	X	X	X	X	X	Opticom Series	Global Traffic Technologies, LLC	www.gtt.com	1-Jul-2021	30-Jun-2023	
11	4	1	11.4.1	Traffic Signals	Railroad Pre-Emption Equipment	X	X	X	X	X	X	x-RPS System	Rio Grande Pacific Technology	riotechnology.com	1-Jul-2021	30-Jun-2023	Formerly CTC, Inc.

Appendix A - WSDOT ITS Proprietary Equipment List

Group #	Category #	Entry #	Item #	Group Description	Category Description	ER Approval	NCR Approval	NWR Approval	OR Approval	SCR Approval	SWR Approval	Approved Equipment	Approved Manufacturer	Website	Approval Date	Expiration Date	Comments
12	1	1	12.1.1	Video	Closed Circuit Television (CCTV) Camera Equipment - Attachment Hardware and Power Supply	X	X	X	X	X	X		Pelco Products, Inc.	www.pelcoinc.com/find-a-product-2/	1-Jul-2021	30-Jun-2023	
12	2	1	12.2.1	Video	Closed Circuit Television (CCTV) Camera Equipment - Fixed (no PTZ) Camera	X		X	X	X			CohuHD Costar, LLC	www.cohuhd.com	1-Jul-2021	30-Jun-2023	
12	2	2	12.2.2	Video	Closed Circuit Television (CCTV) Camera Equipment - Fixed (no PTZ) Camera						X		Panasonic	security.panasonic.com	1-Jul-2021	30-Jun-2023	Approved for Camera without Housing Only
12	2	3	12.2.3	Video	Closed Circuit Television (CCTV) Camera Equipment - Fixed (no PTZ) Camera						X		Pelco, by Schnieder Electric	www.pelco.com	1-Jul-2021	30-Jun-2023	Approved for Housings Only
12	2	4	12.2.4	Video	Closed Circuit Television (CCTV) Camera Equipment - Fixed (no PTZ) Camera		X						Everfocus	www.everfocus.com	1-Jul-2021	30-Jun-2023	
12	3	1	12.3.1	Video	Closed Circuit Television (CCTV) Camera Equipment - Infrared Camera	X	X	X	X	X	X		Bosch	us.boschsecurity.com	1-Jul-2021	30-Jun-2023	
12	4	1	12.4.1	Video	Closed Circuit Television (CCTV) Camera Equipment - Pan, Tilt, and Zoom (PTZ) Camera	X		X	X	X	X	RISE 4260HD Series	CohuHD Costar, LLC	www.cohuhd.com	1-Jul-2021	30-Jun-2023	
12	4	2	12.4.2	Video	Closed Circuit Television (CCTV) Camera Equipment - Pan, Tilt, and Zoom (PTZ) Camera		X						Pelco, by Schnieder Electric	www.pelco.com	1-Jul-2021	30-Jun-2023	
12	5	1	12.5.1	Video	Digital Video Recorder (DVR)		X						Indigovision	www.indigovision.com	1-Jul-2021	30-Jun-2023	
12	5	2	12.5.2	Video	Digital Video Recorder (DVR)	X		X	X	X	X		Mirasys Ltd.	www.mirasys.com	1-Jul-2021	30-Jun-2023	