

LCDOT Traffic Signal Special Provision Usage List

Effective November 7, 2022

Designer: _____
 Contract No: _____

FAP: _____
 Section No: _____

IDOT D1 Special Provisions Accepted for Use on LCDOT Projects

	File Name	Special Provision Title	IDOT Pay Code	Effective	Revised	IDOT Guidance	Requires	LCDOT Usage	Additional LCDOT Notes
<input type="checkbox"/>	720.01TS	Mast Arm Sign Panels		5/22/2002	7/1/2015	Insert into all contracts that require the installation of mast arm mounted Sign Panels.		Use IDOT Spec	
<input type="checkbox"/>	720.02TS	Sign Shop Drawing Submittal		1/22/2013	7/1/2015	Insert into all contracts that require the installation of custom Arterial and/or Expressway signs.		Uncommon - Applies to expressway-type signs. IDOT Spec is acceptable. Confirm with LC Traffic prior to use	
<input type="checkbox"/>	800.02TS	Optimize Signal System		5/22/2002	7/1/2015	Insert into all contracts that require Traffic Signal System Optimization. Verify with Traffic Engineer if full optimization is required.	LC800.01	Use IDOT Spec	
<input type="checkbox"/>	800.03TS	Re-Optimize Signal System		5/22/2002	7/1/2015	Insert into all contracts that require Traffic Signal System LEVEL I or II Re-Optimization.	LC800.01	Use IDOT Spec	
<input type="checkbox"/>	805.01TS	Electric Service Installation		5/22/2002	6/15/2016	Insert into all contracts that require electric service installation.	LC800.01	Use IDOT Spec	
<input type="checkbox"/>	806.01TS	Grounding of Traffic Signal Systems		5/22/2002	7/1/2015	Insert into all contracts that require grounding of the traffic signal equipment.		Use IDOT Spec	
<input type="checkbox"/>	810.01TS	Coilable Non-Metallic Conduit		5/22/2002	7/1/2015	Insert into all contracts that has new detector loop installation.		Use IDOT Spec	
<input type="checkbox"/>	810.02TS	Underground Raceways		5/22/2002	7/1/2015	Insert into all contracts that has proposed underground conduits. If lighting/electrical is part of this project, please make sure the spec is not duplicated.		Use IDOT Spec	
<input type="checkbox"/>	810.03TS	Rod and Clean Existing Conduit		1/1/2015	7/1/2015	Insert into all contracts that require installing new cables inside existing conduits.		Use IDOT Spec	
<input type="checkbox"/>	814.01TS	Handholes		1/1/2002	7/1/2018	Insert into all contracts that require new handholes. Pre-cast round handholes shall not be used unless directed to do so by the Traffic Engineer. Pre-cast round handholes require a new D1 Handhole Detail		Use IDOT Spec	
<input type="checkbox"/>	817.01TS	Grounding Cable		5/22/2002	7/1/2015	Insert into all contracts that require grounding of existing and/or proposed traffic signal equipment.		Use IDOT Spec	
<input type="checkbox"/>	817.02TS	Fiber Optic Tracer Cable		5/22/2002	7/1/2015	Insert into all contracts that installs Fiber Optic Cable.		Use IDOT Spec	
<input type="checkbox"/>	862.01TS	Uninterruptable Power Supply, Special		1/1/2013	5/19/2016	Insert into all contracts where Uninterruptable Power Supply is proposed.		Use IDOT Spec	LCDOT to investigate future cabinet preference
<input type="checkbox"/>	873.02TS	Grounding Existing Handhole Frame and Cover		5/22/2002	7/1/2015	Insert into all contract with Grounding Existing Handhole Frame and Cover pay item.	806.01TS, 817.01TS	Uncommon - Use IDOT Spec	
<input type="checkbox"/>	873.03TS	Emergency Vehicle Priority System Line Sensor Cable, No. 20 3/C		1/1/2013	7/1/2015	Insert into all contracts that require a cable for emergency vehicle preemption installation or relocation.		Use IDOT Spec	
<input type="checkbox"/>	873.04TS	Railroad Interconnect Cable		5/22/2002	7/1/2015	Insert into all contracts that require a railroad interconnect cable.		Uncommon - IDOT Spec is acceptable - Confirm with LC Traffic prior to use	
<input type="checkbox"/>	875.01TS	Traffic Signal Post		5/22/2002	7/1/2015	Insert into all contracts that require the installation of traffic signal post.		Uncommon - Use IDOT Spec when galvanized finish is required.	Typical LCDOT installation requires spec TS Post Special (LC875.01) for black painted post
<input type="checkbox"/>	875.02TS	Pedestrian Signal Post		11/1/2018		Insert into all contracts that require the installation of pedestrian signal post		Use IDOT Spec	
<input type="checkbox"/>	878.02TS	Remove and Replace Anchor Bolts		1/1/2014	7/1/2015	Include in all contracts that require the removal and replacement of anchor bolts when traffic signal post is proposed to be replaced and existing anchor bolts cannot be reused.		Uncommon - IDOT Spec is acceptable - Confirm with LC Traffic prior to use	
<input type="checkbox"/>	880.01TS	Light Emitting Diode (LED) Signal Head and Optically Programmed LED Signal Head		5/22/2002	7/1/2015	Insert into all contracts that installs new traffic signal heads or retrofit. Only 1-face signal heads in place of 2-face, 3-face or combination signal heads shall be used.		Use IDOT Spec. Applies to all new signals and retrofit signals.	
<input type="checkbox"/>	881.01TS	Light Emitting Diode (LED) Pedestrian Signal Head		5/22/2002	7/1/2015	Include in all contracts that installs new LED Pedestrian Signal Heads.		Use IDOT Spec	

<input type="checkbox"/>	882.01TS	Traffic Signal Backplate		5/22/2002	7/1/2015	Include in all contracts that installs traffic signal backplates or retroreflective traffic signal backplates.		Use IDOT Spec	
<input type="checkbox"/>	886.01TS	Detector Loop		5/22/2002	7/1/2018	Insert into all contracts that require the installation of new detector loops.	LC800.01	Use IDOT Spec	
<input type="checkbox"/>	886.02TS	Detector Loop Replacement and/or Installation (Roadway Grinding, Resurfacing, & Patching)		1/1/1985	1/5/2016	Use only on resurfacing and/or patching roadway contracts that contain detector loop replacement.	810.01TS, 886.01TS, LC800.01	Use IDOT Spec	
<input type="checkbox"/>	886.03TS	Radar Vehicle Detection System		7/1/2015	5/9/2017	Insert to all contracts that insalls new radar vehicle detection		Use IDOT Spec	
<input type="checkbox"/>	887.01TS	Emergency Vehicle Priority System		5/22/2002	7/1/2015	Include in all contracts that require new emergency vehicle preemption.		Use IDOT Spec	
<input type="checkbox"/>	887.02TS	Relocate Existing Emergency Vehicle Priority System, Detector Unit		1/1/2002	7/1/2015	Use when relocating an existing E.V.P. detector unit into a proposed controller cabinet.		Use IDOT Spec	
<input type="checkbox"/>	887.03TS	Relocate Existing Emergency Vehicle Priority System, Phasing Unit		1/1/2002	7/1/2015	Use when relocating an existing E.V.P. phasing unit into a proposed controller cabinet.		Use IDOT Spec	
<input type="checkbox"/>	887.04TS	Confirmation Beacon		1/1/2002	7/1/2015	Use when Confirmation beacons need to be added to existing light detectors.		Uncommon - IDOT Spec is acceptable - Confirm with LC Traffic prior to use	
<input type="checkbox"/>	888.01TS	Pedestrian Push Button		5/22/2002	7/1/2015	Include in contracts that require the installation of pedestrian push buttons.	LC800.01	Use IDOT Spec	
<input type="checkbox"/>	890.01TS	Temporary Traffic Signal Installation		5/22/2002	1/1/2017	Include in all signal contracts that require temporary traffic signal installation.	LC800.01, LC850.01, LC857.01, 862.01TS	Use IDOT Spec	
<input type="checkbox"/>	890.02TS	Temporary Traffic Signal Timing		5/22/2002	7/1/2015	Include in contracts that has a temporary signal installation or detour routes.	LC800.01	Use IDOT Spec	
<input type="checkbox"/>	891.01TS	Illuminated Sign, LED		5/22/2002	7/1/2015	Use when illuminated railroad blank-out signs are being proposed.		Use IDOT Spec	
<input type="checkbox"/>	895.03TS	Modify Existing Type "D" Foundation		1/1/2002	7/1/2015	Use when modifying existing type "D" foundations from a type III controller cabinet to a type IV or V controller cabinet.		Uncommon - IDOT Spec is acceptable - Confirm with LC Traffic prior to use	
<input type="checkbox"/>	895.04TS	Rebuild Existing Handhole		1/1/2002	7/1/2015	Use when an existing handhole needs to be adjusted/rebuilt to a new elevation.	814.01TS	Use IDOT Spec	
<input type="checkbox"/>	895.05TS	Rebuild Existing Handhole To Heavy-Duty Handhole		1/1/2002	7/1/2015	Use when an existing handhole needs to be rebuilt to a heavy-duty handhole.	814.01TS	Use IDOT Spec	

LCDOT Traffic Signal Special Provision Usage List

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Common LCDOT Traffic Special Provisions

File Name	Specification Title	IDOT Pay Code	Effective	Revised	LCDOT Usage	Requires	Additional LCDOT Notes
<input type="checkbox"/> LC800.01	Lake County DOT Traffic Signal General Requirements		10/15/2016	3/1/2022	Include in ALL Contracts with traffic signals, PASSAGE equipment, loops, interconnect, and other traffic items		Updated to add Submittals to BLRS, remove cable requirement section
<input type="checkbox"/> LC801.01	Layer II (Datalink) Switch	X1400216	10/1/2016	1/26/2018			
<input type="checkbox"/> LC801.02	Remote Controlled Video System	XX005940	10/1/2016	3/1/2020			Revision updates model numbers, security requirements and mounting requirements
<input type="checkbox"/> LC801.03	Video Detection System Complete Intersection	XX005723	10/1/2016	3/1/2019			Revision updates security requirements
<input type="checkbox"/> LC801.04	Camera Mounting Assembly, Special	XX008396	10/1/2016	3/1/2019	Use when installing camera on existing mast arm with no combination arms		
<input type="checkbox"/> LC801.05	Relocate Existing Remote-Controlled Video System (Special)	X0326309	10/1/2016	1/26/2018	Qty 1 per each relocate including 1 EA from Existing to Temporary and 1 EA from Temporary to Permanent		
<input type="checkbox"/> LC801.06	Relocate Switch	X0327211	10/1/2016	3/1/2019	Qty 1 per each relocate including 1 EA from Existing to Temporary and 1 EA from Temporary to Permanent		If no other Network equipment included and LCDOT indicates programming is required, add note that Contractor shall be responsible to hire LCDOT's Network Integration Consultant to program the switch
<input type="checkbox"/> LC801.07	Relocate Existing Video Detection System (Complete Intersection)	XX006657	10/1/2016		Qty 1 per each relocate including 1 EA from Existing to Temporary and 1 EA from Temporary to Permanent		
<input type="checkbox"/> LC801.20	Rectangular Rapid Flashing Beacon Assembly (Complete)	X1400326	6/1/2018				
<input type="checkbox"/> LC801.25	Relocate Existing Wireless Trafficware Detector	LC800868	5/1/2020				
<input type="checkbox"/> LC814.02	Rebuild Existing Heavy Duty Handhole	X1400450	1/11/2010	11/15/2022	Uncommon - Use only when directed by LCDOT Traffic		Matches previous LCDOT Roadway Spec with same name; added to LCDOT Traffic Specs May 2017. Changed to IDOT pay code.
<input type="checkbox"/> LC821.01	Roadway Luminaires		10/1/2016	3/1/2019	For combination mast arm lighting; do not use for street lighting systems		Revision moves photocell from sign to cabinet; Developing future LED special provision
<input type="checkbox"/> LC850.01	Maintenance of Existing Traffic Signal Installation	85000200	10/1/2016				
<input type="checkbox"/> LC857.01	Full-Actuated Controller and Type IV Cabinet, Special	X8570226	10/1/2016	3/19/2021			Revision updates photocell requirements
<input type="checkbox"/> LC857.02	Full-Actuated Controller in Existing Cabinet	X8570215	10/1/2016	3/1/2019			
<input type="checkbox"/> LC871.01	Fiber Optic Cable		10/1/2016		Use whenever new Fiber is included in the project		
<input type="checkbox"/> LC871.02	Splice Fiber in Cabinet	X1400219	10/1/2016	1/26/2018	Include when Splice pay item is used		
<input type="checkbox"/> LC871.03	Terminate Fiber in Cabinet	X1400217	10/1/2016	1/26/2018	Include when Terminate pay item is used		
<input type="checkbox"/> LC873.01	Electric Cable		10/1/2016	10/1/2017	All LCDOT Intersections		Revision fixes grammatical errors
<input type="checkbox"/> LC873.02	Outdoor Rated Network Cable	X1400102	10/1/2016	7/15/2017			Revision updates coded pay item number in spec
<input type="checkbox"/> LC873.03	Electrical Cable in Conduit, Video No 20 4 C	X8730800	10/1/2016				
<input type="checkbox"/> LC873.04	Electric Cable in Conduit, Coaxial	X8730571	10/1/2016				
<input type="checkbox"/> LC875.01	Traffic Signal Post (Special)		10/1/2016		Typical LCDOT traffic signal design		
<input type="checkbox"/> LC877.01	Steel Mast Arm Assembly and Pole (Special) Steel Combination Mast Arm Assembly and Pole (Special)		10/1/2016		Typical LCDOT traffic signal design		
<input type="checkbox"/> LC877.02	Steel Mast Arm Assembly and Pole Steel combination Mast Arm Assembly and Pole		10/1/2016		Uncommon - Galvanized finish. Use only when directed by LCDOT Traffic		
<input type="checkbox"/> LC878.01	Concrete Foundation		10/1/2016		All LCDOT Intersections		

<input type="checkbox"/>	LC890.02	Temporary Traffic Signal Timing	Z0073510	6/1/2020	11/15/2022			Changed to IDOT pay code
<input type="checkbox"/>	LC891.01	LED Internally Illuminated Street Name Sign	X0327698	10/1/2016	7/15/2017	All LCDOT Intersections		Revision moves photocell from sign to cabinet
<input type="checkbox"/>	LC895.01	Remove Existing Traffic Signal Equipment	89502375	7/15/2017	7/20/2022	Include in contracts that require the removal of existing traffic signal equipment		
<input type="checkbox"/>	LC895.02	Remove and Reinstall Fiber Optic Cable in Conduit	X1400012	6/1/2018				

Uncommon LCDOT Traffic Special Provisions - Contact LCDOT Traffic for Requirements and Latest Version

	File Name	Specification Title	IDOT Pay Code	Effective	Revised	LCDOT Usage	Requires	Additional LCDOT Notes
<input type="checkbox"/>	LC801.08	Cellular Modem		10/15/2016	7/15/2017	Uncommon - Use only when directed by LCDOT Traffic		May be needed when replacing POTS line or when fiber or wireless interconnect is not viable; Updated Model Number
<input type="checkbox"/>	LC801.09	Terminal Server		10/15/2016	7/15/2017	Uncommon - Use only when directed by LCDOT Traffic		Used when removing a master controller and upgrading to NTCIP controllers without Ethernet; Updated models, security
<input type="checkbox"/>	LC801.10	Media Converter		10/15/2016		Uncommon - Use only when directed by LCDOT Traffic		Used when modifying existing Layer 3 switch to communicate with additional Layer 2 switch(es)
<input type="checkbox"/>	LC801.11	Fiber Optic Transceiver SFP Long Dist		10/15/2016		Uncommon - Use only when directed by LCDOT Traffic		Used when modifying existing Layer 3 switch to communicate with additional Layer 2 switch(es)
<input type="checkbox"/>	LC801.12	Fiber Optic Transceiver SFP Extra Long Dist		10/15/2016		Uncommon - Use only when directed by LCDOT Traffic		Used when modifying existing Layer 3 switch to communicate with additional Layer 2 switch(es)
<input type="checkbox"/>	LC801.13	Layer III Network Switch		10/15/2016		Uncommon - Use only when directed by LCDOT Traffic		Confirm # of SFP units required
<input type="checkbox"/>	LC801.14	Wireless Transmission System Point to Point		10/15/2016		Uncommon - Use only when directed by LCDOT Traffic		Typical install requires pairs, so qty of 2 should be used - 1 at each intersection involved in the link
<input type="checkbox"/>	LC801.15	Wireless Transmission System Subscriber Unit		10/15/2016		Uncommon - Use only when directed by LCDOT Traffic		Former WTS Long Range - Now used for all traffic signal to Water Tower Comms
<input type="checkbox"/>	LC801.16	Wireless Transmission System Base Station		10/15/2016		Uncommon - Use only when directed by LCDOT Traffic		Used at Water Tower locations
<input type="checkbox"/>	LC801.17	Rectangular Rapid Flashing Beacon Assembly (Complete)		1/2/2013	7/15/2017	Uncommon - Use only when directed by LCDOT Traffic Not for use on IDOT Projects		Matches previous LCDOT Roadway Spec with same name; added to LCDOT Traffic Specs May 2017
<input type="checkbox"/>	LC801.18	Relocate Existing Encoder		1/2/2013		Uncommon - Use only when directed by LCDOT Traffic		
<input type="checkbox"/>	LC801.21	SC SC Coupler		11/1/2018		Uncommon - Use only when directed by LCDOT Traffic		
<input type="checkbox"/>	LC801.22	Video Encoder		10/1/2016		Uncommon - Use only when directed by LCDOT Traffic		