



Updated Specifications and Drawings for Traffic Control Devices

The September 2025 release includes:

- 8 revised specifications
- 3 new drawings
- 25 revised drawings
- 4 removed drawings

Specification updates include:

List of Specifications		
Superseded/Cancelled (Remove)	Revised/New (Insert)	
Spec. No. / Rev. Date	Spec. No. / Rev. Date	Remarks
801.200 Mar 2025	801.200 Sep 2025	Handover and Acceptance for Third Party Electrical Traffic Control and Intelligent Transportation System Devices • Revised timeline of applicability of the Pre-Qualified Electrical Contractors lists to 2025-2027 to reflect accurate contract period.
801.320 Sep 2023	801.320 Sep 2025	Design Recommendation for Traffic Signal Installation Location of Traffic Signal Equipment • Updated verbiage to gender neutral language. • Revised TTS 801.320.03.03 cone of vision requirements to align with Ontario Traffic Manual Book 12 recommendations. • Revised TTS 801.320.03.08 to align with current sign material in use.
807.100 Sep 2023	807.100 Sep 2025	Construction Specification for Footings and Sidewalk Bays • Added drawing references throughout.
809.220 Sep 2023	809.220 Sep 2025	Standard Specification for Controller Build • Included Transit Signal Priority Mapping requirements for ATC-1000 (TS2 Type 1) timers.
810.100 Sep 2024	810.100 Sep 2025	Construction Specification for Traffic Actuation Equipment • Updated term “pushbutton information sign”. • Removed indicator light requirement for pushbuttons.
810.200 Dec 2022	810.200 Sep 2025	Construction Specification for Accessible Pedestrian Signal Equipment • Updated term “pushbutton information sign”. • Included guidance in TTS 810.200.07.01 on pushbutton information sign application.
811.100 Sep 2023	811.100 Sep 2025	Construction Specification for Flashing Beacons • Revised TTS 811.100.08 typo to clarify warranty and support services start date.
812.100 Sep 2023	812.100 Sep 2025	Construction Specification for Pedestrian Crossover Equipment

		• Included Level 2 Type B/C pedestrian crossover equipment. • Revised terms applicable for only Level 1 Type A pedestrian crossovers.
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Drawing updates include:

List of Drawings		
Superseded/Cancelled (Remove)	Revised/New (Insert)	
Dwg. No. / Rev. Date	Dwg. No. / Rev. Date	Remarks
801.001 Jan 2012	801.001 Sep 2025	Electrical Abbreviations And Symbols • Added "PXO"/"Pedestrian Crossover" to Abbreviations table. • Added "RRFB"/"Rectangular Rapid Flashing Beacon" to Abbreviations table. • Added "NIC"/"New (Cable) In (Existing) Conduit" to Abbreviations table.
801.006 Jan 2012	801.006 Sep 2025	Electrical Legend II Added "Traffic sign on mast arm" symbol
801.009 Jan 2012	801.009 Sep 2025	Electrical Legend V • Revised LED PXO fixture to specify Light-Emitting Diode (LED) material type. • Added rectangular rapid flashing beacon symbol.
801.320 Fig. 2 Jan 2012	801.320 Fig 2 Sep 2025	Cone of Vision • Revised maximum distance from stop bar to align with Ontario Traffic Manual Book 12. • Revised horizontal cone of vision to align with Ontario Traffic Manual Book 12.
801.320 Fig 13 Jan 2012	801.320 Fig 13 Sep 2025	Pushbutton Information Signs • Revised specification title. • Updated signs to current sign material in use.
801.320 Fig 14 Jan 2012		Helping Hand Signs Pedestrian Cross-Overs • Removing as signs are legacy.
801.320 Fig 15 Jan 2012	801.320 Fig 15 Sep 2025	Semi-Actuated Traffic Signal (Non-APS) Pushbutton Information Sign Layout • Revise drawing title. • Revise signs to match current signs in use.
801.320 Fig 16 Jan 2012		Typical Sign Layout at Intersection • Removing as signs are legacy.
801.320 Fig 17 Jan 2012	801.320 Fig 17 Sep 2025	Pedestrian Crossover Pushbutton Information Sign Layout • Revise drawing title. • Revise signs to match current signs in use.
801.320 Fig 18 Jan 2012	801.320 Fig 18 Sep 2025	Split Pedestrian Crossover Pushbutton Information Sign Layout • Revise drawing title. • Revise signs to match current signs in use.
801.320 Fig 19 Jan 2012		Helping Hands Signs • Removing as signs are legacy.
804.025 Jan 2012	804.025 Sep 2025	Installation of Traffic Signal Equipment on Direct Buried Poles, Underground Wiring • Updated pushbutton information sign.

808.001 Jan 2012	808.001 Sep 2012	Installation of Traffic Signal Equipment on Steel Pole Direct Buried or Base Mounted • Updated pushbutton information sign.
808.012 Sep 2023	808.012 Sep 2025	Installation of Bicycle Signal Equipment • Updated pushbutton information sign.
808.025 Jan 2012		Mounting Detail for Audible Pedestrian Signal • Removing as Audible Pedestrian Signal units are legacy use.
808.035 Jan 2012	808.035 Sep 2025	Transit Heads Mounting Bracket Details • Included note on “Transit Signal” sign preferred and alternate locations.
808.042 Sep 2024	808.042 Sep 2025	LRT Traffic Signal Equipment with U-Turns • Revised Note 2 noting City approval required for alternate sign location.
808.045 Sep 2024	808.045 Sep 2025	LRT Traffic Signal Equipment Layout • Revised Note 2 noting City approval required for alternate sign location.
810.001 Jan 2012	810.001 Sep 2025	Push Button Mounting Detail on Post • Updated pushbutton information sign.
810.002 Jan 2012	810.002 Sep 2025	Push Button Mounting Detail • Updated pushbutton information sign.
810.003 Jan 2012	810.003 Sep 2025	Base Mounted Push Button Pole Detail • Updated pushbutton information sign.
812.001 Jan 2012	812.001 Sep 2025	Level 1 Type A Pedestrian Crossover Aerial Installation • Updated pushbutton information sign • Updated title.
812.005 Jan 2012	812.005 Sep 2025	Level 1 Type A Split Pedestrian Crossover Pole Mounted Installation • Revise drawing title. • Updated pushbutton information sign and flasher beacon placement.
812.006 Sep 2023	812.006 Sep 2025	Level 1 Type A Standard Pedestrian Crossover Schematic Wiring Diagram • Revise drawing title.
812.007 Sep 2023	812.007 Sep 2025	Level 1 Type A Split Pedestrian Crossover Schematic Wiring Diagram • Revise drawing title.
812.010 Jan 2012	812.010 Sep 2025	Mounting Brackets for Level 1 Type A Split Pedestrian Crossover Installation • Revise drawing title.
812.011 Jan 2012	812.011 Sep 2025	Level 1 Type A Pedestrian Crossover Hardware Installation Types • Revise drawing title. • Updated pushbutton information sign. • Updated “8-9m” dimension note to “Less than 9m”.
812.015 Jan 2012	812.015 Sep 2025	Level 1 Type A Pedestrian Crossover Fixture Mounting on Guy Wire • Revise drawing title.
	812.025 Sep 2025	Level 2 Type B Pedestrian Crossover Typical Plan View • New drawing.
	812.026 Sep 2025	Level 2 Type B Pedestrian Crossover Elevation View – AC Power • New drawing.
	812.030 Sep 2025	Level 2 Type B Pedestrian Crossover Schematic Wiring Diagram

		• New drawing.
813.005 Jan 2012	813.005 Sep 2025	Controller Cabinet Grounding • Removed 11m minimum separation requirement between traffic signal power supply disconnect pole and controller cabinet.