

Ontario Provincial Standards for Roads and Public Works



- Volume 1 -

MUNICIPAL AND PROVINCIAL COMMON

GENERAL AND CONSTRUCTION SPECIFICATIONS



OPS is co-owned by the
Ministry of Transportation, Ontario
and the
Municipal Engineers Association



Municipal
Engineers
Association

MANUAL REVISION RECORD

Municipal and Provincial Common

Volume 1 – General and Construction Specifications

This record should remain in the manual at all times. Revisions are numbered sequentially. This sheet should be filled in after each revision has been placed into the manual. It will quickly indicate to users whether the contents of the manual are up-to-date.

REVISION NUMBER	REVISION DATE	ENTERED BY	REVISION NUMBER	DATE	ENTERED BY
74	April 2005	Included in new manuals	99	April 2017	Included in new manuals
75	Nov 2005	Included in new manuals	100	Nov 2017	Included in new manuals
76	April 2006	Included in new manuals	101	April 2018	Included in new manuals
77	Nov 2006	Included in new manuals	102	Nov 2018	Included in new manuals
78	April 2007	Included in new manuals	103	April 2019	Included in new manuals
79	Nov 2007	Included in new manuals	104	Nov 2019	Included in new manuals
80	April 2008	Included in new manuals	105	Nov 2020	Included in new manuals
81	Nov 2008	Included in new manuals	106	Apr 2021	Included in new manuals
82	April 2009	Included in new manuals	107	Nov 2021	Included in new manuals
83	Nov 2009	Included in new manuals	108	Apr 2022	Included in new manuals
84	April 2010	Included in new manuals	109	Nov 2022	Included in new manuals
85	July 2010	Included in new manuals	110	Apr 2023	Included in new manuals
86	Nov 2010	Included in new manuals	111		
87	April 2011	Included in new manuals	112		
88	Nov 2011	Included in new manuals	113		
89	April 2012	Included in new manuals	114		
90	Nov 2012	Included in new manuals	115		
91	April 2013	Included in new manuals	116		
92	Nov 2013	Included in new manuals	117		
93	April 2014	Included in new manuals	118		
94	Nov 2014	Included in new manuals	119		
95	April 2015	Included in new manuals	120		
96	Nov 2015	Included in new manuals	121		
97	April 2016	Included in new manuals	122		
98	Nov 2016	Included in new manuals	123		



DATE	OPSS	TITLE
DIVISION 1 - GENERAL SPECIFICATIONS		
Nov 2018	102	Notice to Users of OPSS 102 (Weighing of Materials)
DIVISION 2 - GENERAL GRADING		
Apr 2019	201	Notice to Users of OPSS 201 (Clearing, Close Cut Clearing, Grubbing, and Removal of Surface and Piled Boulders)
DIVISION 3 - PAVEMENT (FLEXIBLE AND RIGID)		
Nov 2018	301	Notice to Users of OPSS 301 (Restoring Unpaved Roadway Surface)
Nov 2018	303	Notice to Users of OPSS 303 (Double Chip Seal)
Nov 2021	309	Notice to Users of OPSS 309 (Cold Mixed, Cold Laid, Open and Dense Graded Bituminous Mix)
Apr 2018	312	Notice to Users of OPSS 312 (Asphalt Curb and Gutter Systems)
Nov 2018	316	Notice to Users of OPSS 316 (Extruded Expanded Polystyrene Frost Heave Treatment)
Nov 2018	336	Notice to Users of OPSS 336 (Micro-Surfacing)
Apr 2018	341	Notice to Users of OPSS 341 (Routing and Sealing Cracks in Hot Mix Asphalt Pavement)
Nov 2018	356	Notice to Users of OPSS 356 (Pervious Concrete Pavement for Low-Volume Traffic Applications)
Nov 2019	361	Notice to Users of OPSS 361 (Rubblizing Concrete Pavement and Concrete Base)
DIVISION 4 - DRAINAGE, WATERMAINS, AND UTILITY		
Nov 2022	407	Notice to Users of OPSS 407 (Maintenance Hole, Catch Basin, Ditch Inlet, and Valve Chamber Installation)
Nov 2022	408	Notice to Users of OPSS 408 (Adjusting or Rebuilding Maintenance Holes, Catch Basins, Ditch Inlets, and Valve Chambers)
Nov 2020	411	Notice to Users of OPSS 411 (Cleaning and Flushing of Pipe Sewers, Catch Basins, Maintenance Holes, Ditch Inlets, and Oil-Grit Separators)
Nov 2018	412	Notice to Users of OPSS 412 (Sewage Forcemain Installation in Open Cut)



DATE	OPSS	TITLE
Nov 2019	413	Notice to Users of OPSS 413 (Manure Pipeline Installation in Open Cut)
Nov 2018	415	Notice to Users of OPSS 415 (Pipeline and Utility Installation by Tunnelling)
Nov 2018	416	Notice to Users of OPSS 416 (Pipeline and Utility Installation by Jacking and Boring)
Nov 2022	422	Notice to Users of OPSS 422 (Precast Reinforced Concrete Box Culverts in Open Cut)
Nov 2018	450	Notice to Users of OPSS 450 (Pipeline and Utility Installation in Soil by Horizontal Directional Drilling)
Nov 2018	460	Notice to Users of OPSS 460 (Pipeline Rehabilitation by Cured-in-Place Pipe)
Nov 2019	462	Notice to Users of OPSS 462 (Cement Mortar Lining of Watermains)
Nov 2021	463	Notice to Users of OPSS 463 (Pipeline and Conduit Installation by Pipe Bursting)
Nov 2018	490	Notice to Users of OPSS 490 (Site Preparation for Pipelines, Utilities, and Associated Structures) (Formerly OPSS 503)
Nov 2018	492	Notice to Users of OPSS 492 (Site Restoration Following Installation of Pipelines, Utilities, and Associated Structures)
Nov 2019	493	Notice to Users of OPSS 493 (Temporary Potable Water Supply Services)

DIVISION 5 - MISCELLANEOUS

Nov 2018	511	Notice to Users of OPSS 511 (Rip-Rap, Rock Protection, and Granular Sheeting)
----------	-----	--

DIVISION 6 - ELECTRICAL

Nov 2019	609	Notice to Users of OPSS 609 (Grounding)
Nov 2019	611	Notice to Users of OPSS 611 (Installation of Underpass Luminaires)
Nov 2019	614	Notice to Users of OPSS 614 (Installation of Power Supply Equipment)
Apr 2018	616	Notice to Users of OPSS 616 (Footings and Pads for Electrical Equipment)
Nov 2019	617	Notice to Users of OPSS 617 (Installation of Roadway Luminaires)



DATE	OPSS	TITLE
Nov 2019	631	Notice to Users of OPSS 631 (Concrete Footings and Maintenance Platforms for High Mast Lighting Poles)

DIVISION 7 - TRAFFIC SAFETY

Nov 2019	703	Notice to Users of OPSS 703 (Permanent Small Signs and Support Systems)
Apr 2021	704	Notice to Users of OPSS 704 (Post Mounted Delineators)
Apr 2021	705	Notice to Users of OPSS 705 (Flexible Delineator Posts)
Apr 2022	707	Notice to Users of OPSS 707 (Modified Overhead Signboards)
Nov 2021	710	Notice to Users of OPSS 710 (Pavement Marking)
Apr 2022	740	Notice to Users of OPSS 740 (Concrete Barriers)
Nov 2021	753	Notice to Users of OPSS 753 (Connecticut Impact Attenuation System (CIAS))
Apr 2019	760	Notice to Users of OPSS 760 (Noise Barrier Systems)

DIVISION 8 - ENVIRONMENTAL AND LANDSCAPE

Apr 2018	801	Notice to Users of OPSS 801 (The Protection of Trees)
Nov 2019	802	Notice to Users of OPSS 802 (Topsoil)
Apr 2018	803	Notice to Users of OPSS 803 (Sodding)
Nov 2018	805	Notice to Users of OPSS 805 (Temporary Erosion and Sediment Control Measures)

DIVISION 9 - STRUCTURAL

Nov 2019	902	Notice to Users of OPSS 902 (Excavating and Backfilling - Structures)
Nov 2020	906	Notice to Users of OPSS 906 (Structural Steel for Bridges)
Nov 2021	907	Notice to Users of OPSS 907 (Structural Wood Systems)
Nov 2021	919	Notice to Users of OPSS 919 (Formwork and Falsework)



**ONTARIO
PROVINCIAL
STANDARD
SPECIFICATION**

VOLUME 1 INDEX
**MUNICIPAL AND PROVINCIAL
GENERAL AND CONSTRUCTION SPECIFICATIONS**

DATE	OPSS	TITLE
Nov 2020	931	Notice to Users of OPSS 931 (Structure Rehabilitation - Shotcrete)
Nov 2020	932	Notice to Users of OPSS 932 (Crack Repair - Concrete)
Nov 2019	942	Notice to Users of OPSS 942 (Prestressed Soil and Rock Anchors)



NOTICE TO USERS OF OPSS 102

GENERAL SPECIFICATION FOR WEIGHING OF MATERIALS

OPSS 102 has been removed from this
OPS volume

The municipal version of OPSS 102 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 102

There is no PROV version.

USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS



NOTICE TO USERS OF OPSS 201

CONSTRUCTION SPECIFICATION FOR CLEARING, CLOSE CUT CLEARING, GRUBBING, AND REMOVAL OF SURFACE AND PILED BOULDERS

OPSS 201 has been removed from this
OPS volume

The provincial version of OPSS 201 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 201

The municipal version of OPSS 201 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 201

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 301

CONSTRUCTION SPECIFICATION FOR RESTORING UNPAVED ROADWAY SURFACES

OPSS 301 has been removed from this
OPS volume

The provincial version of OPSS 301 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 301

The municipal version of OPSS 301 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 301

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 303

CONSTRUCTION SPECIFICATION FOR DOUBLE CHIP SEAL

OPSS 303 has been removed from this
OPS volume

The municipal version of OPSS 303 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 303

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 309

CONSTRUCTION SPECIFICATION FOR COLD MIXED, COLD LAID, OPEN AND DENSE GRADED BITUMINOUS MIX

OPSS 309 has been removed from this
OPS volume

The municipal version of OPSS 309 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 309

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 312

CONSTRUCTION SPECIFICATION FOR ASPHALT CURB AND GUTTER AND GUTTER SYSTEMS AND ASPHALT SURFACING OF GUTTERS

OPSS 312 has been removed from this
OPS volume

The provincial version of OPSS 312 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 312

The municipal version of OPSS 312 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 312

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 316

CONSTRUCTION SPECIFICATION FOR EXTRUDED EXPANDED POLYSTYRENE FROST HEAVE TREATMENT

OPSS 316 has been removed from this
OPS volume

The provincial version of OPSS 316 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 316

The municipal version of OPSS 316 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 316

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 336

CONSTRUCTION SPECIFICATION FOR MICRO-SURFACING

OPSS 336 has been removed from this
OPS volume

The provincial version of OPSS 336 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 336

The municipal version of OPSS 336 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 336

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 341

CONSTRUCTION SPECIFICATION FOR ROUTING AND SEALING CRACKS IN ASPHALT PAVEMENT

OPSS 341 has been removed from this
OPS volume

The provincial version of OPSS 341 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 341

The municipal version of OPSS 341 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 341

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 356

CONSTRUCTION SPECIFICATION FOR PERVIOUS CONCRETE PAVEMENT FOR LOW-VOLUME TRAFFIC APPLICATIONS

OPSS 356 has been removed from this
OPS volume

The municipal version of OPSS 356 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 356

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 361

CONSTRUCTION SPECIFICATION FOR RUBBLIZING CONCRETE PAVEMENT AND CONCRETE BASE

OPSS 361 has been removed from this
OPS volume

The municipal version of OPSS 361 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 361

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 407

CONSTRUCTION SPECIFICATION FOR NEW MAINTENANCE HOLE, CATCH BASIN, DITCH INLET, AND VALVE CHAMBER INSTALLATION

OPSS 407 has been removed from this
OPS volume

The provincial version of OPSS 407 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 407

The municipal version of OPSS 407 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 407

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 408

CONSTRUCTION SPECIFICATION FOR ADJUSTING OR REBUILDING MAINTENANCE HOLES, CATCH BASINS, DITCH INLETS, AND VALVE CHAMBERS

OPSS 408 has been removed from this
OPS volume

The provincial version of OPSS 408 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 408

The municipal version of OPSS 408 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 408

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 411

CONSTRUCTION SPECIFICATION FOR THE CLEANING AND FLUSHING OF PIPE SEWERS, CATCHBASINS, MAINTENANCE HOLES, DITCH INLETS, AND OIL-GRIT SEPARATORS

OPSS 411 has been removed from this
OPS volume

The provincial version of OPSS 411 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 411

The municipal version of OPSS 411 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 411

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 412

CONSTRUCTION SPECIFICATION FOR FORCEMAIN INSTALLATION IN OPEN CUT

OPSS 412 has been removed from this
OPS volume

The municipal version of OPSS 412 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 412

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 413

CONSTRUCTION SPECIFICATION FOR MANURE PIPELINE INSTALLATION IN OPEN CUT

OPSS 413 has been removed from this
OPS volume

The municipal version of OPSS 413 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 413

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 415

CONSTRUCTION SPECIFICATION FOR PIPELINE INSTALLATION BY TUNNELLING

OPSS 415 has been removed from this
OPS volume

The municipal version of OPSS 415 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 415

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 416

CONSTRUCTION SPECIFICATION FOR PIPELINE AND UTILITY INSTALLATION BY JACKING AND BORING

OPSS 416 has been removed from this
OPS volume

The municipal version of OPSS 416 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 416

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 422

CONSTRUCTION SPECIFICATION FOR PRECAST REINFORCED CONCRETE BOX CULVERTS IN OPEN CUT

OPSS 422 has been removed from this
OPS volume

The provincial version of OPSS 422 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 422

The municipal version of OPSS 422 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 422

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 450

CONSTRUCTION SPECIFICATION FOR PIPELINE AND UTILITY INSTALLATION IN SOIL BY HORIZONTAL DIRECTIONAL DRILLING

OPSS 450 has been removed from this
OPS volume

The municipal version of OPSS 450 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 450

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 460

CONSTRUCTION SPECIFICATION FOR GRAVITY PIPE AND SEWER REHABILITATION BY CURED-IN-PLACE PIPE

OPSS 460 has been removed from this
OPS volume

The municipal version of OPSS 460 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 460

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 462

CONSTRUCTION SPECIFICATION FOR CEMENT MORTAR LINING OF WATERMAINS

OPSS 462 has been removed from this
OPS volume

The municipal version of OPSS 462 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 462

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 463

CONSTRUCTION SPECIFICATION FOR PIPELINE AND CONDUIT INSTALLATION BY PIPE BURSTING

OPSS 463 has been removed from this
OPS volume

The municipal version of OPSS 463 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 463

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 490

CONSTRUCTION SPECIFICATION FOR SITE PREPARATION FOR PIPELINES, UTILITIES, AND ASSOCIATED STRUCTURES

OPSS 490 has been removed from this
OPS volume

The provincial version of OPSS 490 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 490

The municipal version of OPSS 490 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 490

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 492

CONSTRUCTION SPECIFICATION FOR SITE RESTORATION FOLLOWING INSTALLATION OF PIPELINES, UTILITIES, AND ASSOCIATED STRUCTURES

OPSS 492 has been removed from this
OPS volume

The provincial version of OPSS 492 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 492

The municipal version of OPSS 492 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 492

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 493

CONSTRUCTION SPECIFICATION FOR TEMPORARY POTABLE WATER SUPPLY SERVICES

OPSS 493 has been removed from this
OPS volume

The municipal version of OPSS 493 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 493

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 511

CONSTRUCTION SPECIFICATION FOR RIP-RAP, ROCK PROTECTION, AND GRANULAR SHEETING

OPSS 511 has been removed from this
OPS volume

The provincial version of OPSS 511 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 511

The municipal version of OPSS 511 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 511

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 609

CONSTRUCTION SPECIFICATION FOR GROUNDING

OPSS 609 has been removed from this
OPS volume

The provincial version of OPSS 609 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 609

The municipal version of OPSS 609 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 609

USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS



NOTICE TO USERS OF OPSS 611

CONSTRUCTION SPECIFICATION FOR INSTALLATION OF UNDERPASS LUMINAIRES

OPSS 611 has been removed from this
OPS volume

The provincial version of OPSS 611 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 611

The municipal version of OPSS 611 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 611

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 614

CONSTRUCTION SPECIFICATION FOR INSTALLATION OF POWER SUPPLY EQUIPMENT

OPSS 614 has been removed from this
OPS volume

The provincial version of OPSS 614 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 614

The municipal version of OPSS 614 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 614

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 616

CONSTRUCTION SPECIFICATION FOR FOOTINGS AND PADS FOR ELECTRICAL EQUIPMENT

OPSS 616 has been removed from this
OPS volume

The provincial version of OPSS 616 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 616

The municipal version of OPSS 616 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 616

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 617

CONSTRUCTION SPECIFICATION FOR INSTALLATION OF ROADWAY LUMINAIRES

OPSS 617 has been removed from this
OPS volume

The provincial version of OPSS 617 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 617

The municipal version of OPSS 617 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 617

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 631

CONSTRUCTION SPECIFICATION FOR CONCRETE FOOTING AND MAINTENANCE PLATFORMS FOR HIGH MAST LIGHTING POLES

OPSS 631 has been removed from this
OPS volume

The provincial version of OPSS 631 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 631

The municipal version of OPSS 631 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 631

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 703

CONSTRUCTION SPECIFICATION FOR PERMANENT SMALL SIGNS AND SUPPORT SYSTEMS

OPSS 703 has been removed from this
OPS volume

The municipal version of OPSS 703 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 703

The municipal version of OPSS 703 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 703

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 704

CONSTRUCTION SPECIFICATION FOR POST MOUNTED DELINEATORS

OPSS 704 has been removed from this
OPS volume

The provincial version of OPSS 704 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 704

The municipal version of OPSS 704 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 704

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 705

CONSTRUCTION SPECIFICATION FOR FLEXIBLE DELINEATOR POSTS

OPSS 705 has been removed from this
OPS volume

The provincial version of OPSS 705 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 705

The municipal version of OPSS 705 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 705

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 707

CONSTRUCTION SPECIFICATION FOR MODIFIED OVERHEAD SIGNBOARDS

OPSS 707 has been removed from this
OPS volume

The provincial version of OPSS 707 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 707

The municipal version of OPSS 707 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 707

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 710

CONSTRUCTION SPECIFICATION FOR PAVEMENT MARKING

OPSS 710 has been removed from this
OPS volume

The municipal version of OPSS 710 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 710

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 740

CONSTRUCTION SPECIFICATION FOR PERMANENT CONCRETE BARRIERS

OPSS 740 has been removed from this
OPS volume

The provincial version of OPSS 740 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 740

The municipal version of OPSS 740 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 740

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 753

CONSTRUCTION SPECIFICATION FOR CONNECTICUT IMPACT ATTENUATION SYSTEM (CIAS)

OPSS 753 has been removed from this
OPS volume

The provincial version of OPSS 753 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 753

The municipal version of OPSS 753 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 753

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 760

CONSTRUCTION SPECIFICATION FOR NOISE BARRIER SYSTEMS

OPSS 760 has been removed from this
OPS volume

The municipal version of OPSS 760 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 760

There is no provincial version of OPSS 760

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 801

CONSTRUCTION SPECIFICATION FOR THE PROTECTION OF TREES

OPSS 801 has been removed from this
OPS volume

The provincial version of OPSS 801 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 801

The municipal version of OPSS 801 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 801

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 802

CONSTRUCTION SPECIFICATION FOR TOPSOIL

OPSS 802 has been removed from this
OPS volume

The municipal version of OPSS 802 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 802

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 803

CONSTRUCTION SPECIFICATION FOR SODDING

OPSS 803 has been removed from this
OPS volume

The provincial version of OPSS 803 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 803

The municipal version of OPSS 803 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 803

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 805

CONSTRUCTION SPECIFICATION FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES

OPSS 805 has been removed from this
OPS volume

The provincial version of OPSS 805 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 805

The municipal version of OPSS 805 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 805

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 902

CONSTRUCTION SPECIFICATION FOR EXCAVATING AND BACKFILLING – STRUCTURES

OPSS 902 has been removed from this
OPS volume

The provincial version of OPSS 902 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 902

The municipal version of OPSS 902 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 902

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 906

CONSTRUCTION SPECIFICATION FOR STRUCTURAL STEEL FOR BRIDGES

OPSS 906 has been removed from this
OPS volume

The provincial version of OPSS 906 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 906

The municipal version of OPSS 906 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 906

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 907

CONSTRUCTION SPECIFICATION FOR STRUCTURAL WOOD SYSTEMS

OPSS 907 has been removed from this
OPS volume

The municipal version of OPSS 907 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 907

There is no PROV version.

USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS



NOTICE TO USERS OF OPSS 919

CONSTRUCTION SPECIFICATION FOR FORMWORK AND FALSEWORK

OPSS 919 has been removed from this
OPS volume

The municipal version of OPSS 919 is now in:

OPS Volume 919,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 919

There is no PROV version.

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 931

CONSTRUCTION SPECIFICATION FOR STRUCTURE REHABILITATION - SHOTCRETE

OPSS 931 has been removed from this
OPS volume

The provincial version of OPSS 931 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 931

The municipal version of OPSS 931 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 931

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 932

CONSTRUCTION SPECIFICATION FOR CRACK REPAIR - CONCRETE

OPSS 932 has been removed from this
OPS volume

The provincial version of OPSS 932 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 932

The municipal version of OPSS 932 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 932

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



NOTICE TO USERS OF OPSS 942

CONSTRUCTION SPECIFICATION FOR PRESTRESSED SOIL AND ROCK ANCHORS

OPSS 942 has been removed from this
OPS volume

The provincial version of OPSS 942 is now in:

OPS Volume 5,
Provincial-Oriented
General and Construction Specifications
and designated as OPSS.PROV 942

The municipal version of OPSS 942 is now in:

OPS Volume 7,
Municipal-Oriented
General and Construction Specifications
and designated as OPSS.MUNI 942

**USE OF EITHER OF THE SPECIFICATIONS IS AS SPECIFIED
IN THE CONTRACT DOCUMENTS**



Ontario Provincial Standards Unit
301 St. Paul St., 2nd Floor North
St. Catharines, ON L2R 7R4

REVISION INFORMATION SHEET

ONTARIO PROVINCIAL STANDARDS FOR ROADS AND PUBLIC WORKS

VOLUME 1 MUNICIPAL AND PROVINCIAL COMMON GENERAL AND CONSTRUCTION SPECIFICATIONS

MANUAL REVISION No. 110

APRIL 2023

UPDATING ONTARIO PROVINCIAL STANDARDS FOR YOUR USE

Each roads and public works owner (Owner) is responsible for determining implementation dates and directions for use of Ontario Provincial Standards; therefore, manual holders are cautioned about immediately discarding superseded and cancelled standards.

ACCESSING AND OBTAINING ONTARIO PROVINCIAL STANDARDS

Individual OPS standards, revision packages, and complete manuals are available for download, free of charge, in PDF format, from the [MTO Technical Publications](https://www.mto.gov.on.ca/technicalpublications/) website.

WAITING TO HEAR FROM YOU

Further news and information about the Ontario Provincial Standards organization can be obtained from the OPS website at www.ops.on.ca.

Questions should be directed by email to Ontario.Prov.Standards@ontario.ca

If you have a suggestion to revise a standard or you have a standard that works in your ministry, municipality, or area, send it to the OPS Administration, for review and possible inclusion into the Ontario Provincial Standards.

THIS MANUAL IS REVISED AS FOLLOWS:

Index Pages Volume 1

Please remove the entire index and replace with the attached revised index.

Standard Specifications Volume 1

Superseded/Cancelled (Remove)		Revised/New (Insert)		Remarks
OPSS	Dated	OPSS	Dated	
Notice to Users of OPSS 311	Nov 2018			Construction Specification for Asphalt Sidewalk, Driveway, Boulevard and Sidewalk Resurfacing • Notice to Users phased out.
Notice to Users of OPSS 350	Nov 2021			Construction Specification for Requirements for Concrete Pavement and Concrete Base • Notice to Users phased out.
Notice to Users of OPSS 351	Nov 2019			Construction Specification for Requirements for Anti-Glare Screens • Notice to Users phased out.
Notice to Users of OPSS 369	Nov 2018			Construction Specification for Sealing and Resealing of Joints and Cracks in Concrete Pavement and Concrete Base • Notice to Users phased out.
Notice to Users of OPSS 791	Apr 2021			Construction Specification for Requirements for Anti-Glare Screens • Notice to Users phased out.