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REVISION INFORMATION SHEET

ONTARIO PROVINCIAL STANDARDS FOR ROADS AND PUBLIC WORKS

VOLUME 6 PROVINCIAL-ORIENTED MATERIAL SPECIFICATIONS

MANUAL REVISION #7

NOVEMBER 2015

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for use of Ontario Provincial Standards; therefore, manual holders are cautioned about immediately discarding superseded and cancelled standards.

A NOTE TO DESIGNERS OF MUNICIPAL CONTRACTS REGARDING APPENDICES

There are a number of OPS specifications published with appendices containing supplemental requirements that modify the specification. These specifications contain information written for use in provincial contracts. The appendices contain supplemental requirements that modify the provincial requirements so the specifications can be used in municipal contracts. The specifications are easily identified, as the table of contents for each specification lists the appendix containing the supplemental requirements (e.g., Supplemental Requirements for Using OPSS XXX in Municipal Contracts).

Designers of municipal contracts should review each specification to determine if the supplemental requirements should be invoked in their contracts. To ensure completeness of municipal Contract Documents, designers should invoke the appendices by referencing them in the Contract Documents.

ACCESSING AND OBTAINING ONTARIO PROVINCIAL STANDARDS

The Ontario Provincial Standards for Roads and Public Works (OPS) manuals and the latest published updates for each of the eight OPS manuals are available as follows:

- Available electronically on the OPS/MTO website. Online access to the current, updated, and archived standards; indexes; OPS User Notes; and publication Revision Information Sheets are available free of charge at the site.
(<http://www.raqs.mto.gov.on.ca/techpubs/ops.nsf/OPSHomepage>)
- Hard-copy format available from Publications Ontario by telephone at 1-800-668-9938 or online. Updates and OPS manuals are available for a cost-recovery fee.
(www.publications.serviceontario.ca)

- The eight OPS manuals of standards are available on one CD in PDF format. The OPS drawings published in Volumes 3 and 4 are available in AutoCAD format on a separate CD. These CDs are available from Publications Ontario or by telephone at 1-800-668-9938 or online for a cost-recovery fee. The updates are not available on CDs as an update package.
(www.publications.serviceontario.ca)

At the Publications Ontario web page, you can type “Ontario Provincial Standards,” “OPS,” “OPSS,” or “OPSD” in the search box, and all related products for the Ontario Provincial Standards will be listed, click on the item you wish to purchase, add the item to your cart, then follow the instructions to complete your order. If trying to order an OPS product online from Publications Ontario and it is shown as Out of Stock, you can backorder the product by telephone at 1-800-668-9938.

In order to receive the Municipal Engineers Association (MEA) purchase price, MEA members should visit the MEA website (www.municipalengineers.on.ca/) for the MEA Publications Ontario order form for hard-copy manuals and CDs.

MTO employees should contact Simon Leung, Account Representative at Publications Ontario, by email (simon.leung@ontario.ca) to set up an account in order to receive the MTO purchase price for technical publications, including the Ontario Provincial Standards.

Links to Publications Ontario and the Ontario Provincial Standards on the MTO Library website are available on the OPS website (www.ops.on.ca). Also on this site under News and Activities are notices for updates and changes in OPS.

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

YOU SHOULD REGISTER YOUR OPS MANUALS AND CDs

Users of OPS do not receive notices of OPS updates as they had in the past. Methods of notification from Publications Ontario for the future are being investigated, and you will be informed of them as they become available. In the interim, an email will be sent to OPS users who have registered their OPS manuals and CDs with OPS.

Owners of OPS manuals, who have not yet done so, are requested to register their OPS hard-copy manuals and CDs with OPS by email at Ontario.Prov.Standards@ontario.ca. The registration form and submission instructions are available on the OPS website (www.ops.on.ca), Miscellaneous Info, OPS Forms.

WAITING TO HEAR FROM YOU

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 Head, OPS Administration, for review and possible inclusion into the Ontario Provincial Standards.

THIS MANUAL IS REVISED AS FOLLOWS:

Index Pages Volume 6

Remove the entire index and replace with the attached revised index.

Standard Specifications Volume 6

Superseded/Cancelled (Remove)		Revised/New (Insert)		Remarks
OPSS.PROV	Dated	OPSS.PROV	Dated	
1841	November 2014	1841	Notice to Users of OPSS.PROV 1841	“MATERIAL SPECIFICATION FOR NON-PRESSURE POLYVINYL CHLORIDE PIPE PRODUCTS” OPSS.PROV 1841 has been replaced by OPSS 1841 in OPS Volume 2.

MANUAL REVISION RECORD

Provincial-Oriented

Volume 6 – Material 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
1	APR 2010	Included in new manuals	27		
2	NOV 2012	Included in new manuals	28		
3	APRIL 2013	Included in new manuals	29		
4	NOV 2013	Included in new manuals	30		
5	NOV 2014	Included in new manuals	31		
6	APRIL 2015	Included in new manuals	32		
7	NOV 2015	Included in new manuals	33		
8			34		
9			35		
10			36		
11			37		
12			38		
13			39		
14			40		
15			41		
16			42		
17			43		
18			44		
19			45		
20			46		
21			47		
22			48		
23			49		
24			50		
25			51		
26			52		



DATE	SPEC. NO. OPSS.PROV	TITLE
DIVISION 10 - AGGREGATES		
APR 2013	1002	Aggregates - Concrete
APR 2013	1003	Aggregates - Hot Mix Asphalt
NOV 2012	1004	Aggregates - Miscellaneous
APR 2013	1006	Aggregates - Surface Treatment
APR 2013	1010	Aggregates - Base, Subbase, Select Subgrade, and Backfill Material
DIVISION 11 - BITUMENS		
NOV 2014	1101	Performance Graded Asphalt Cement
APR 2007	1151	Superpave and Stone Mastic Asphalt Mixtures
DIVISION 12 - SEALS, BEARINGS, WATERSTOPS		
APR 2015	1205	Clay Seal
NOV 2014	1210	Deck Joint Assemblies
DIVISION 13 - CEMENT AND CONCRETE		
NOV 2014	1303	Admixtures for Concrete
NOV 2014	1350	Concrete - Materials and Production
DIVISION 14 - METAL		
NOV 2014	1440	Steel Reinforcement for Concrete
DIVISION 15 - SAFETY RELATED		
NOV 2014	1540	Standard Highway Fence Components
DIVISION 16 - WOOD AND PLASTICS		
NOV 2014	1601	Wood, Preservative Treatment, and Shop Fabrication
DIVISION 17 - COATINGS		
NOV 2014	1704	Paint Coating Systems for Structural Steel



**ONTARIO
PROVINCIAL
STANDARD
SPECIFICATION**

**VOLUME 6 INDEX
PROVINCIAL-ORIENTED
MATERIAL SPECIFICATIONS**

DATE	SPEC. NO. OPSS.PROV	TITLE
DIVISION 18 - PIPES AND ASSOCIATED DRAINAGE ITEMS		
NOV 2014	1820	Circular and Elliptical Concrete Pipe
NOV 2015	1841	Notice to Users of OPSS.PROV 1841 (Non-Pressure Polyvinyl Chloride Pipe Products)
DIVISION 19 - ENVIRONMENTAL		
CURRENTLY NO SPECIFICATIONS		
DIVISION 20 - SIGNS AND SIGN SUPPORT		
CURRENTLY NO SPECIFICATIONS		
DIVISION 21 - CLOTHING, CLOTH, AND THE LIKE		
CURRENTLY NO SPECIFICATIONS		
DIVISION 22 - UNASSIGNED		
CURRENTLY NO SPECIFICATIONS		
DIVISION 23 - MISCELLANEOUS		
NOV 2014	2301	Impressed Current Cathodic Protection System for Bridge Structures
DIVISION 24 - ELECTRICAL		
CURRENTLY NO SPECIFICATIONS		
DIVISION 25 - CHEMICALS		
CURRENTLY NO SPECIFICATIONS		



NOTICE TO USERS OF OPSS.PROV 1841

CONSTRUCTION SPECIFICATION FOR NON-PRESSURE POLYVINYL CHLORIDE PIPE PRODUCTS

OPSS.PROV 1841 has been replaced by OPSS 1841
located in

OPS Volume 2,
Municipal and Provincial Common
General and Construction Specifications

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

