



Robert L. Ehrlich, Jr., *Governor*
Michael S. Steele, *Lt. Governor*

Robert L. Flanagan, *Secretary*
Neil J. Pedersen, *Administrator*

MARYLAND DEPARTMENT OF TRANSPORTATION

MEMORANDUM

TO: All Standard Book Holders
FROM: Kirk G. McClelland, Director
Office of Highway Development
DATE: May 4, 2004
SUBJECT: Revisions to "The Book of Standards"

The following Standards are new or revised and have been inserted where applicable.

CATEGORY 1 – PRELIMINARY

All of the drawings in this Category have either been revised or are new. The numbers have also been changed. The existing drawings have been removed.

Revised Standards except where noted as new.

MD 104.00-A to MD 104.00-K
MD 104.00-01 to MD 104.00-15
MD 104.00-16 (**new**)
MD 104.00-17 and MD 104.00-18

MD 104.01-01 to MD 104.01-23
MD 104.01-24 (**new**)
MD 104.01-25 to MD 104.01-28
MD 104.01-29 to MD 104.01-32 (**new**)
MD 104.01-33 to MD 104.01-60
MD 104.01-61 and MD 104.01-62 (**new**)
MD 104.01-70 to MD 104.01-73
MD 104.01-80 and MD 104.01.81 (**new**)

MD 104.02-01 to MD 104.02-04
MD 104.02-05 and MD 104.02-06 (**new**)
MD 104.02-07 to MD 104.02-18

MD 104.03-01 to MD104.03-18

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CATEGORY 1 – PRELIMINARY cont'd

MD 104.04-01 to MD 104.04-12
MD 104.04-13 and MD 104.04-14 (**new**)
MD 104.04-15 to MD 104.04-20

MD 104.05-01 to MD 104.05-12
MD 104.05-13 and MD 104.05-14 (**new**)
MD 104.05-15 to MD 104.05-23

MD 104.06-01 to MD 104.06-20
MD 104.06-21 to MD 104.06-24 (**new**)

CATEGORY 3 – DRAINAGE

New Standard: MD 374.55-01

CATEGORY 6 – SHOULDERS

The following lists were revised:

- Approved Substitutes for End Treatments (Sheet 1 of 2 and 2 of 2)
- Approved Substitutes for Wood Offset Block (Sheet 1 of 1)

New Standards:

MD 605.49	MD 635.01	MD 655.22
MD 605.49-01	MD 635.02	MD 655.40
MD 620.03	MD 635.03	MD 670.00
MD 630.03	MD 655.02	MD 670.01
		MD 670.02

The number has been changed on these drawings:

New Number	Old Number
MD 605.23-02	MD 660.04
MD 605.46	MD 661.21
MD 605.46-01	MD 661.21-01
MD 605.47	MD 660.41
MD 605.51	MD 661.01
MD 605.51-01	MD 661.01-01

CATEGORY 6 – SHOULDERS cont'd

Revised Standards:

MD 605.01	MD 605.28	MD 648.44-02
MD 605.01-01	MD 620.02	MD 648.44-03
MD 605.01-02	MD 620.02-01	MD 648.44-04
MD 605.02	MD 630.01	MD 648.47
MD 605.03	MD 630.02	MD 648.54
MD 605.04	MD 648.03	MD 655.11
MD 605.10	MD 648.24	MD 655.12
MD 605.10-01	MD 648.33-03	MD 655.13
MD 605.10-02	MD 648.44	MD 655.21
MD 605.21	MD 648.44-01	

These Standards have been removed:

MD 655.14, MD 655.15, MD 655.16, MD 660.74 and MD 660.78

Attached is a cross reference between the old standards and the new standards in Category 1. Any questions relating to Category 1 Office of Traffic and Safety standards, please call Mr. Jawad Paraca at 410 787- 5891.

For questions relating to Category 3 standards, please call Mr. Abdul Wakil at 410-545-8392.

For questions relating to the other standards and this distribution, please call Mr. Edward C. Johnson at 410-545-8893.

KGM/ECJ
Attachments

cc: Ms. Norie A. Calvert
Mr. Leroy V. Tyree
Mr. Morteza Tadayon
Mr. Chip Rupp
Mr. Wayne Styles
Mr. Jawad Paracha
Mr. Abdul Wakil
Mr. Doug Evans
Ms. Ungkana Kelly

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CATEGORY 1 – PRELIMINARY

The following Standards are new:

MD 104.00-14 to MD 104.00-17	MD 104.01-80 and MD 104.01-81
MD 104.01-24	MD 104.02-05 and MD 104.02-06
MD 104.01-29 to MD 104.01-32	MD 104.04-13 and MD 104.04-14
MD 104.01-61 and MD 104.01-62	MD 104.05-13 and MD 104.05-14
	MD 104.06-21 to MD 104.06-24

The following Standards have been revised and renumbered:

Old Standard Numbers	New Standard Numbers
MD 104.00 – MD 104.00.00-08	MD 104.00-A to MD 104.00-K
MD 104.00-01 and MD 104.00-02	MD 104.00-01 and MD 104.00-02
MD 104.00-03 to MD 104.00-05	MD 104.00-02 to MD 104.00-04
MD 104.00-06	MD 104.00-05
MD 104.00-07 and MD 104.00-08	MD 104.00-06 to MD 104.00-08
MD 104.00-08 and MD 104.00-09	MD 104.00-08 and MD 104.00-09
MD 104.00-09 and MD 104.00-10	MD 104.00-09 and MD 104.00-10
MD 104.00-10	MD 104.00-11
MD 104.00-11	MD 104.00-12 and MD 104.00-13
MD 104.00-12	MD 104.00-13 and MD 104.00-18
MD 104.00-13	MD 104.01-02
MD 104.00-14	MD 104.01-03
MD 104.00-15	MD 104.01-04 and MD 104.01-05
MD 104.00-16-01	MD 104.01-06
MD 104.00-16-02	MD 104.01-07
MD 104.00-17 to MD 104.00-20	MD 104.01-08 to MD 104.01-11
MD 104.00-21 to MD 104.00-25	MD 104.01-12 to MD 104.01-16
MD 104.00-26	MD 104.01-17
MD 104.00-27	MD 104.01-18
MD 104.00-28 to MD 104.00-30	MD 104.01-19 to MD 104.01-21
MD 104.01-01 and MD 104.01-02	MD 104.02-11 and MD 104.02-12
MD 104.02-01 and MD 104.02-02	MD 104.02-09 and MD 104.02-10
MD 104.03-01 and MD 104.03-02	MD 104.02-13 and MD 104.02-14
MD 104.04-01 and MD 104.04-02	MD 104.02-01 and MD 104.02-02
MD 104.05-01 and MD 104.05-02	MD 104.03-03 and MD 104.03-04
MD 104.06-01 and MD 104.06-02	MD 104.03-05 and MD 104.03-06
MD 104.07-01 and MD 104.07-02	MD 104.03-13 and MD 104.03-14
MD 104.08-01 and MD 104.08-02	MD 104.03-09 and MD 104.03-10
MD 104.09-01 and MD 104.09-02	MD 104.03-11 and MD 104.03-12
MD 104.10-01 and MD 104.10-02	MD 104.03-07 and MD 104.03-08

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CATEGORY 1 – PRELIMINARY cont'd

Old Standard Numbers	New Standard Numbers
MD 104.11-01 and MD 104.11-02	MD 104.03-01 and MD 104.03-02
MD 104.12-01 and MD 104.12-02	MD 104.04-03 and MD 104.04-04
MD 104.13-01 and MD 104.13-02	MD 104.04-05 and MD 104.04-06
MD 104.14-01 and MD 104.14-02	MD 104.04-07 and MD 104.04-08
MD 104.15-01 and MD 104.15-02	MD 104.04-11 and MD 104.04-12
MD 104.16-01 and MD 104.16-02	MD 104.04-09 and MD 104.04-10
MD 104.17-01 and MD 104.17-02	MD 104.04-15 and MD 104.04-16
MD 104.18-01 and MD 104.18-02	MD 104.04-01 and MD 104.04-02
MD 104.19 and MD 104.50	MD 104.05-03
MD 104.20 and MD 104.51	MD 104.05-04
MD 104.21-01	MD 104.05-05
MD 104.21-02	MD 104.05-06
MD 104.22	MD 104.05-07
MD 104.23	MD 104.05-08
MD 104.24	MD 104.05-09
MD 104.25	MD 104.05-10
MD 104.26	MD 104.05-22
MD 104.27-01 and MD 104.27-02	MD 104.05-01 and MD 104.05-02
MD 104.28-01 to MD 104.28-03	MD 104.05-15 to MD 104.05-17
MD 104.29	MD 104.05-19
MD 104.30	MD 104.05-18
MD 104.31-01 and MD 104.31-02	MD 104.02-09 and MD 104.02-10
MD 104.32-01 and MD 104.32-02	MD 104.02-13 and MD 104.02-14
MD 104.33-01 and MD 104.33-02	MD 104.02-01 and MD 104.02-02
MD 104.34 and MD 104.35	MD 104.02-03 and MD 104.02-04
MD 104.36-01 and MD 104.36-02	MD 104.02-07 and MD 104.02-08
MD 104.37-01 and MD 104.37-02	MD 104.03-03 and MD 104.03-04
MD 104.38-01 and MD 104.38-02	MD 104.03-05 and MD 104.03-06
MD 104.39-01 and MD 104.39-02	MD 104.03-13 and MD 104.03-14
MD 104.40-01 and MD 104.40-02	MD 104.03-09 and MD 104.03-10
MD 104.41-01 and MD 104.41-02	MD 104.03-11 and MD 104.03-12
MD 104.42-01 and MD 104.42-02	MD 104.03-07 and MD 104.03-08
MD 104.43-01 and MD 104.43-02	MD 104.03-01 and MD 104.03-02
MD 104.44-01 and MD 104.44-02	MD 104.04-03 and MD 104.04-04
MD 104.45-01 and MD 104.45-02	MD 104.04-05 and MD 104.04-06
MD 104.46-01 and MD 104.46-02	MD 104.04-07 and MD 104.04-08
MD 104.47-01 and MD 104.47-02	MD 104.04-09 and MD 104.04-10
MD 104.48-01 and MD 104.48-02	MD 104.04-15 and MD 104.04-16
MD 104.49-01 and MD 104.49-02	MD 104.04-01 and MD 104.04-02
MD 104.52	MD 104.05-07

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CATEGORY 1 – PRELIMINARY cont'd

Old Standard Numbers	New Standard Numbers
MD 104.53	MD 104.05-08
MD 104.54	MD 104.05-09
MD 104.55	MD 104.05-10
MD 104.56-01 and MD 104.56-02	MD 104.05-01 and MD 104.05-02
MD 104.57-01 and MD 104.57-02	MD 104.05-15 and MD 104.05-16
MD 104.57-03	MD 104.05-17
MD 104.58	MD 104.05-19
MD 104.59	MD 104.05-18
MD 104.60 to MD 104.63	MD 104.02-15 to MD 104.02-18
MD 104.64 to MD 104.67	MD 104.03-15 to MD 104.03-18
MD 104.68 to MD 104.71	MD 104.04-17 to MD 104.04-20
MD 104.72 to MD 104.75	MD 104.04-17 to MD 104.04-19 and MD 104.05-23
MD 104.76 and MD 104.77	MD 104.06-01 and MD 104.06-02
MD 104.78 and MD 104.79	MD 104.06-03 and MD 104.06-04
MD 104.80	MD 104.06-05
MD 104.81-01 and MD 104.81-02	MD 104.06-06 and MD 104.06-07
MD 104.82	MD 104.06-08
MD 104.83	MD 104.06-09
MD 104.84	MD 104.01-22
MD 104.85	MD 104.06-10
MD 104.86	MD 104.01-23
MD 104.87-01 and MD 104.87-02	MD 104.01-25 and MD 104.01-26
MD 104.87-03	MD 104.01-33
MD 104.87-04	MD 104.01-34
MD 104.87-05	MD 104.01-35
MD 104.87-06	MD 104.01-36
MD 104.87-07	MD 104.01-37
MD 104.87-08	MD 104.01-38
MD 104.87-09	MD 104.01-39
MD 104.87-10	MD 104.01-40
MD 104.87-11	MD 104.01-41
MD 104.87-12	MD 104.01-42
MD 104.87-13	MD 104.01-43
MD 104.87-14	MD 104.01-44
MD 104.87-15	MD 104.01-45
MD 104.88	MD 104.01-27
MD 104.89-01	MD 104.06-11

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CATEGORY 1 – PRELIMINARY cont'd

Old Standard Numbers	New Standard Numbers
MD 104.89-02	MD 104.06-12
MD 104.90	MD 104.06-13
MD 104.91-01	MD 104.06-14
MD 104.91-02	MD 104.06-15
MD 104.92	MD 104.01-28
MD 104.93	MD 104.06-16
MD 104.94 and MD 104.95	MD 104.06-17
MD 104.96-01 and MD 104.96-02	MD 104.06-18 and MD 104.06-19
MD 104.97-01 and MD 104.97-02	MD 104.05-11 and MD 104.05-20
MD 104.98-01 and MD 104.98-02	MD 104.05-12 and MD 104.05-21
MD 104.99	MD 104.06-20
MD 105.87-03	MD 104.01-46
MD 105.87-04	MD 104.01-47
MD 105.87-05	MD 104.01-48
MD 105.87-06	MD 104.01-49
MD 105.87-07	MD 104.01-50
MD 105.87-08	MD 104.01-51
MD 105.87-09	MD 104.01-52
MD 105.87-10	MD 104.01-53
MD 105.87-11	MD 104.01-54
MD 105.87-12	MD 104.01-55
MD 105.87-13	MD 104.01-56
MD 105.87-14	MD 104.01-57
MD 105.87-15	MD 104.01-58
MD 106.00	MD 104.01-70
MD 106.01	MD 104.01-71
MD 106.02	MD 104.01-72
MD 106.03	MD 104.01-73