

MATERIALS GROUP
MATERIALS DESIGN REPORT STANDARD ITEMS
INDEX

{Use in conjunction with the 2008 Specifications}

Date: 11/18/2009

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SECTION I - PAVEMENT STRUCTURE

Section Number (Standard/Stored Spec)	Revision Date	Item #	Item Description
N/A	07-12-07	11a	Report Title and Pavement Structure
N/A	07-12-07	11b	Additional Quantities for Leveling

SECTION II - SUBGRADE, SUBBASES AND BASES

Section # (Standard/Stored Spec)	Revision Date	Item #	Item Description
Section 203	07-12-07	203a	Subgrade Construction Control
Section 208	05-08-08	208a	Separation Geotextile Fabric
Section 208	07-12-07	208b	Geomembrane
Section 301	08-25-08	301a	Lime Treated Subgrade
Section 302	08-25-08	302a	Cement Treated Subgrade
Section 303	11-18-09	303a	Aggregate Subbase (Class 4 or 5)
Section 303	07-12-07	303b	Aggregate Subbase (Class 6)
Section 303	11-18-09	303c	Aggregate Base (Class 1 or 2)
Section 303	07-12-07	303d	Aggregate Base (Class 3)
Section 304	07-12-07	304a	Cement Treated Base (Full Strength)
Section 304	07-12-07	304b	Cement Treated Base (2%)

SECTION II - SUBGRADE, SUBBASES AND BASES (Cont'd)

Section # (Standard/Stored Spec)	Revision Date	Item #	Item Description
Section 305	07-18-07	305a	Lean Concrete Base
Section 306	07-18-07	306a	Geogrid Base Reinforcement
Section 307	07-18-07	307a	Geocomposite Edge Drain

SECTION III - SURFACE TREATMENTS AND PAVEMENTS

Section # (Standard/Stored Spec)	Revision Date	Item #	Item Description
Section 109	11-18-09	109a	Pavement Smoothness (AC)
Section 401	07-12-07	401a	Bridge Overlay (Latex Modified Portland Cement Concrete)
Section 401	08-25-08	401b	Load Transfer Dowel Assembly
Section 401	11-18-09	401c	Portland Cement Concrete Pavement
Section 402	07-12-07	402a	Edge Sealing (PCCP)
Section 402	07-18-07	402b	Full Depth Slab Repairs (PCCP)
Section 402	07-12-07	402c	Joint & Crack Repair (PCCP)
Section 402	07-12-07	402d	Pavement Grinding (PCCP)
Section 402	07-12-07	402e	Pavement Grooving (PCCP)
Section 402	07-12-07	402f	Spall Repairs (PCCP)
Section 404	07-12-07	404a	Bridge Deck Membrane and Overlay
Section 404	07-12-07	404b	Prime Coat
Section 404	11-18-09	404c	Tack Coat
Section 404	05-08-08	404d	Fog Coat

SECTION III – SURFACE TREATMENTS AND PAVEMENTS (Cont'd)

Section # (Standard/Stored Spec)	Revision Date	Item #	Item Description
Section 404	05-08-08	404e	Blotter Material
Section 404	05-08-08	404f	Chip Seal Coat
Section 404	05-08-08	404g	Polymer Chip Seal Coat
Section 404	11-18-09	404h	Slurry Seal Coat
Section 404	07-12-07	404i	Double Application Seal Coat (Chip Seal and Fog Coat)
Section 404	08-25-08	404j	Chip Seal Coat (Precoated)/Blotter Material
Section 404	07-12-07	404k	Joint Sealing (AC Overlay)
Section 404	11-18-09	404l	Micro-Surfacing
Section 404	11-18-09	404m	Fog Coat (Maintenance Flush)
Section 405	08-25-08	405a	Road Mix Bituminous Pavement
Section 406	05-08-08	406a	Asphaltic Concrete (Misc. Paving)
Section 406	05-08-08	406b	Asphaltic Concrete (\$)
Section 406	08-25-08	406c	Asphaltic Concrete (Base Mix) (PCCP Base)
Section 406	11-18-09	406d	Asphaltic Concrete (\$) (With PG 70-22 TR+)
Section 406	05-08-08	406e	Asphaltic Concrete (\$) (With PG 76-22 TR+)
Section 407	11-18-09	407a	Asphaltic Concrete Friction Course
Section 407	11-18-09	407b	Asphaltic Concrete Friction Course (Special with PG 76-22 TR+)
Section 408	07-18-07	408a	Cold Recycling (Bituminous Surface)
Section 409	11-18-09	409a	Asphaltic Concrete (Misc. Str.)
Section 409	11-18-09	409b	Asphaltic Concrete (Misc. Str.) (With PG 70-22 TR+)
Section 409	11-18-09	409c	Asphaltic Concrete (Misc. Str.) (With PG 76-22 TR+)

SECTION III - SURFACE TREATMENTS AND PAVEMENTS (Cont'd)

Section # (Standard/Stored Spec)	Revision Date	Item #	Item Description
Section 410	10-09-08	410a	<u>Asphalt-Rubber Stress-Absorbing Membrane</u>
Section 411	08-25-08	411a	<u>Asphaltic Concrete Friction Course (Misc.)</u>
Section 412	07-18-07	412a	<u>Pavement Fabric Interlayer</u>
Section 413	10-09-08	413a	<u>Asphaltic Concrete (Asphalt-Rubber)</u>
Section 414	11-18-09	414a	<u>Asphaltic Concrete Friction Course (Asphalt-Rubber)</u>
Section 414	11-18-09	414b	<u>Asphaltic Concrete Friction Course (Asphalt-Rubber) (Placed on PCCP)</u>
Section 415	10-09-08	415a	<u>Asphaltic Concrete (Asphalt-Rubber) - End Product</u>
Section 416	10-09-08	416a	<u>Asphaltic Concrete – End Product (\$)</u>
Section 416	11-18-09	416b	<u>Asphaltic Concrete – End Product (\$) (With PG 70-22 TR+)</u>
Section 416	09-14-09	416c	<u>Asphaltic Concrete – End Product (\$) (With PG 76-22 TR+)</u>
Section 417	10-09-08	417a	<u>Asphaltic Concrete (End Product) SHRP Volumetric Mix</u>
N/A	07-12-07	33a	<u>Anchor Slabs</u>
N/A	08-25-08	33b	<u>Bituminous Membrane (PG 76-22 TR+)</u>
N/A	07-12-07	33c	<u>Bridge Overlay</u>
N/A	09-14-09	33d	<u>Hot In-Place Recycle - Remix Process (Special)</u>
N/A	07-12-07	33e	<u>Hot In-Place Recycle - Repave Process</u>
N/A	07-12-07	33f	<u>Overlay Taper at Ramps</u>
N/A	07-12-07	33g	<u>Overlay Taper at Structures</u>
N/A	10-10-08	33h	<u>Rubberized Asphalt Chip Seal Coat</u>

SECTION IV - MATERIAL SOURCES - GEOTECHNICAL ANALYSIS

Section # (Standard/Stored Spec)	Revision Date	Item #	Item Description
Section 203	07-18-07	203b	Borrow (Department-Furnished Source)
Section 203	07-12-07	203c	Borrow Requirements (Contractor-Furnished Source)
Section 203	07-12-07	203d	Shoulder Build-up (Earthen)
Section 1001	11-18-09	1001a	Material Sources
N/A	07-12-07	44a	Earthwork Factors and Slopes
N/A	07-12-07	44b	Ground Compaction
N/A	07-12-07	44c	pH and Resistivity
N/A	07-12-07	44d	Removal of Unsuitable Material
N/A	07-12-07	44e	Water

SECTION V - MISCELLANEOUS

Section # (Standard/Stored Spec)	Revision Date	Item #	Item Description
Section 202	05-08-08	202a	Bituminous Pavement Removal By Milling
Section 202	05-08-08	202b	Bituminous Pavement Removal By Milling (Prior to Placing an Asphaltic Concrete Friction Course)
Section 203	07-12-07	203e	Compaction of Shoulder Build-up Material
Section 203	07-12-07	203f	Shoulder Build-up (Milled AC)
Section 404	11-18-09	404n	Seal Cracks in Asphaltic Concrete Pavement
Section 913	05-08-08	913a	Rip Rap
N/A	07-12-07	55a	Arrester Bed Aggregate

SECTION V – MISCELLANEOUS (Cont'd)

Section # (Standard/Stored Spec)	Revision Date	Item #	Item Description
N/A	09-09-09	55b	<u>Disposal of Existing Asphaltic Concrete</u>
N/A	07-12-07	55c	<u>Temporary Connections and Detours</u>