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CHANGES TO DESIGN MANUAL - 2012

Date	Chapter	Section	Description
2/3/2012	5	5	This section was revised to incorporate the updated revisions to the NDDOT Alternate Pipe Materials Policy.
2/3/2012	5	5A	The backfill tables were revised to clarify where minimum cover is measured from for paved and unpaved roadways.

CHANGES TO DESIGN MANUAL - 2011

Date	Chapter	Section	Description
12/7/2011	N/A	N/A	The Master Table of Contents was updated.
12/7/2011	3	1C	Added new items to the Final Office Plan Review Checklist.
12/7/2011	2	4	Removed requirements for floodplain/wetland info on advertisements for public meetings
7/25/2011	4	All Sections	Chapter IV "Structural Design" was re-written to update Bridge Division policies, procedures, and incorporate the LRFD manual into the Design Manual.
2/1/2011	3	3	Revision to reflect turn lane length table is for non-controlled approaches.
2/1/2011	1	10A	Revised distribution list. Planning Division was taken off list and now only shows Programming Division for plan reviews.
2/1/2011	2	3C	Revised distribution list. Planning and Programming Divisions are now separate Divisions.

CHANGES TO DESIGN MANUAL - 2010

Date	Chapter	Section	Description
11/12/2010	1	15	Updated to reflect the most current reference publications in use by NDDOT, as well as adopted manuals.
11/12/2010	2	2	Added new utility and ETS PCR review milestone items.
11/12/2010	2	3	Revised the attendee requirements for management presentations.
11/12/2010	3	8	Revised this section to be consistent with the "Coordination and Notification for Utility Relocation, Adjustments, and Reimbursement" Policies and Procedures on the website.
10/7/2010	2	5	Revised the ECL description and procedures.
9/22/2010	1	6	Minor Rehabilitation sliver grading methods and descriptions of the <i>DESIGN GUIDELINES</i> have been revised.
9/16/2010	3	11, 12	Revised to add lighting and traffic signal foundation size table
6/17/2010	2	3	Revised the Wetland Delineation and Wetland Jurisdictional Request information.
5/20/2010	2	4	Added information to SOV section that talks about how Local Government Entities such as cities or counties are to fill out SOV Letters #2 and 5.
5/6/2010	2	5	Revised ECL correspondence with ND State Water Commission via SOV Letter #6.
4/20/2010	3	20	Special provision request timelines were revised, including TERO and ITS special provisions.
3/25/2010	3	14B	The backslope rates were revised to be consistent with the AASHTO Roadside Design Guide.
3/25/2010	1	4	Shoulder guidance was added for Interregional highways, maps updated, and the urban maps were removed and included as reference to the NDDOT website.
3/2/2010	3	6	This section had multiple revisions including: rumble strips, approach surfacing policy, and asphalt surfacing descriptions.
2/4/2010	1	6	Preventive Maintenance subcut repair work was added to the <i>DESIGN GUIDELINES</i> .
1/8/2010	1	6	The slough/shoulder treatment methods of the <i>DESIGN GUIDELINES</i> have been revised.

CHANGES TO DESIGN MANUAL - 2009

Date	Chapter	Section	Description
12/31/2009	1	11	The "Plan Addendum Summary and Approval" form was incorporated into this section.
10/30/2009	3	5	This section was revised regarding permeable bases and other items.
10/30/2009	1	7	New plan sections were added, including Section 075 Wetlands, Erosion Control, and Seeding.
9/25/2009	3	2	The section was revised to describe the regulation of work products of Professional Engineers and Surveyors.
9/24/2009	1	6	The <i>DESIGN GUIDELINES</i> were revised regarding Minor Rehab overlays and Sliver Grading.
9/24/2009	4	2	Design Memo 02-2005 was incorporated regarding box culvert length determination.
7/30/2009	2	3	The wetland delineation, jurisdictional request information was updated. The safety review, traffic ops, and pavement information was also updated.
6/17/2009	5	3	This section was revised to be consistent with the Alternative Pipe Selection criteria. Other minor revisions were done.
6/8/2009	3	3	Incorporated the new turn lane dimensions table. Also moved small sub-section on Driveway and Access Management to Section III-16.
6/8/2009	3	13	Moved Driveway and Access Management from III-03 to this section.
6/2/2009	1	8	The Standard Drawing sub-section was updated.
6/2/2009	1	10	The distribution information and descriptions for plan reviews were updated.
6/2/2009	3	1A	The Plan Design and Development Checklist was updated to be consistent with plan standards.
6/2/2009	3	1B	The Plan Review Checklist was updated to be consistent with plan review process.
5/12/2009	1	8A	Updated the Electronic Plan Sheet Submittal Checklist to require test printing of electronic .pdf plans.
5/12/2009	3	4	The procedures for State Optioned Borrow were updated, as well as other multiple minor revisions.
5/12/2009	3	9	The section was updated to require Clearview Highway Font for all Variable Message Signs (Guide Signs).
5/12/2009	3	18	The Salvaged Credit Policy was incorporated into this section.
4/21/2009	2	4	Added SOV letter #6 description.
4/16/2009	2	3C	Added Traffic Ops Section to PCR distribution list.
4/8/2009	2	2	Multiple milestone activities and descriptions were revised.
4/8/2009	2	2A	Multiple Milestone activities and responsible Divisions were revised.
4/8/2009	TOC	TOC	Table of Contents was revised.
2/26/2009	1	11	Updated the electronic submittal and descriptions for plan addendums and change orders.
2/11/2009	2	3C	Updated the preliminary engineering Distribution List Appendix II-03A.

CHANGES TO DESIGN MANUAL – 2009 (Continued)

Date	Chapter	Section	Description
2/11/2009	1	8A	Updated the Electronic Plan Sheet Submittal Checklist Appendix I-08A to distinguish max file size of 40 MB.
2/3/2009	1	6	The <i>DESIGN GUIDELINES</i> were revised to distinguish that design exceptions are not needed for roadway width on Preventive Maintenance projects, except for thin lift overlays projects they are still required.
1/23/2009	1	8	Updated the submittal, distribution, and requirements of final electronic plans.
1/23/2009	2	5	Updated the submittal, distribution, and requirements for the ECL.
1/8/2009	1	6	The <i>DESIGN GUIDELINES</i> were revised to clarify sliver grading for Minor Rehabilitation projects, including additional slough treatment details. Design Exception information was also revised.
1/8/2009	3	10A	Updated the pavement marking life/expectancy table.

CHANGES TO DESIGN MANUAL - 2008

Date	Chapter	Section	Description
12/23/2008	5	5A	15" and 18" pipe sizes were added to the Pipe Culvert Backfill Height Tables on page 6 & 7.
12/23/2008	5	5	The Pipe Material Selection process was revised concerning pipe extensions.
12/17/2008	1	10A	Updated Appendix 1-10A Plan Review Notification, Distribution, and Attendance List regarding PM projects and FHWA involvement
12/16/2008	1	8A	Updated Appendix I-08A Electronic Plan Sheet Submittal Checklist to include D-20 Standard Drawings in the back of the plans.
12/4/2008	5	5A	Created new Appendix V-05A for Pipe Culvert Backfill Height Tables.
12/4/2008	5	5	The Pipe Material Selection process was placed in Section V-05 of the Design Manual.
11/26/2008	1	4	Updated the Design Characteristics to be consistent with the <i>DESIGN GUIDELINES</i> for all highway classifications.
11/14/2008	1	6	Updated the <i>DESIGN GUIDELINES</i> regarding the guardrail and rail system for roadway and bridge projects.
9/29/2008	4	2	Updated Section IV-02.02.07 Pedestrian Facilities, regarding pedestrian requirements for structures.
9/29/2008	4	4	Added Appendix IV-04 I, regarding pedestrian details for structures.
8/20/2008	2	5	Updated Project Concept Report (PCR) environmental documentation including current PCR policy, format, and consistency with PCR Template.
8/20/2008	2	5C	Updated Appendix C Project Concept Report Outline.
8/13/2008	1	8	Updated for Final Plan Submittal Process for hard copy and electronic plans, and Electronic Plan Sheet Submittal Checklist policy.
8/13/2008	1	8A	Added Appendix A for Electronic Plan Sheet Submittal Checklist.
6/16/2008	1	6	The <i>DESIGN GUIDELINES for Preventive Maintenance, Minor Rehabilitation, Structural Improvement, Major Rehabilitation, and New/Reconstruction Projects</i> were incorporated into this section.
6/16/2008	1	4	The State Highway Performance Classification was moved from Section I-06 to Section I-04, which includes the State Highway Performance Classification map and descriptions.
4/22/2008	1	15	Updated Reference Publications list.
2/27/2008	2	4	Updated section concerning Public Involvement.

CHANGES TO DESIGN MANUAL - 2007

Date	Chapter	Section	Description
12/31/2007	3	1C	Added item for projects with painting.
12/17/2007	2	5	Revised App.C from PCR checklist for maintenance to PCR outline
12/17/2007	2	5	Deleted Appendix D, Appendix E and Appendix F
12/10/2007	1	10	Minor update
10/23/2007	3	13	Revised link for Traversable End Sections in Section III-13.05.04
10/12/2007	2	5H	Updated Project Cost History
10/12/2007	2	7	Major update
10/12/2007	3	7	Major update, incorporated material from Design Memo No. 03-2004
10/1/2007	2	3	Minor update
8/24/2007	3	8	Minor update, Revised cost for audit requirement
8/24/2007	3	17	Minor update
8/24/2007	3	18	Minor update
8/24/2007	3	23	Minor update
8/10/2007	1	10	Major update
8/10/2007	2	4	Major update
8/10/2007	3	1	Major update
8/10/2007	3	3	Major update
8/10/2007	3	13	Major update
8/10/2007	3	13A	Major update
8/10/2007	3	14	Major update
8/10/2007	3	14A	Major update
8/10/2007	3	15B	New section added
8/10/2007	3	20	Major update
6/11/2007	3	17	Update
6/11/2007	3	8	Update
5/29/2007	2	3C	Minor Changes
5/26/2007	3	2	Update
5/25/2007	2	2	Added Scoping Report
5/21/2007	1	12A	Posted
5/21/2007	3	1B	Minor update
5/9/2007	3	2	Update
5/4/2007	3	1B	Made Blanks able to be filled electronically
5/2/2007	2	4A	Deleted this Appendix
5/1/2007	2	3A, 3B, 3C	Minor update
5/1/2007	3	1A, 1B, 1C	Developed Appendix A, B, and C Plan Review Checklists
3/31/2007	3	21	Incorporated Design Memo 02-2004 Incidental Items, 0.75% bond for projects over \$1,000,000, and misc.
3/27/2007	2	3A, 3B, 3C	Added Appendix A, B and C
2/3/2007	2	5H	Update
1/31/2007	1	6	Page 22, removed "requires a design exception" for shoulders. See Appendix I-06 C.
1/16/2007	2	4	Update to SOV section
1/11/2007	1	11	Major update

CHANGES TO DESIGN MANUAL - 2006

Date	Chapter	Section	Description
11/7/2006	1	6	Major update
10/25/2006	1	13B	Update
10/24/2006	1	13A	Update
10/23/2006	1	6E	Replaced with new form
10/17/2006	1	13	Added Appendix A and B
9/1/2006	1	10	Plan Reviews

CHANGES TO DESIGN MANUAL REFERENCE AND FORMS

Date	Description
Miscellaneous Sheets	
12/7/2011	Added new items to the Final Office Plan Review Checklist 3-01C.
12/29/2009	Added the Plan Addendum Summary and Approval form.
6/2/2009	City Utility Disposition Letter was revised to make contact person more clear.
2/11/2009	Updated the Electronic Plan Sheet Submittal Checklist Appendix I-08A to distinguish max file size of 40 MB.
1/12/2009	Generic Memo updated to include PE Stamp disclaimer.
1/12/2009	Certification Page updated to include PE Stamp disclaimer.
12/16/2008	I-08A Electronic Plan Sheet Submittal Checklist, added D-20 Standards included in the back of the plans
5/2/2008	City Utility Disposition Letter added to table
5/21/2007	Minor update to Plan Review Checklists
5/18/2007	Plan Review Checklists added to Reference and Forms Page
5/10/2007	Added electronic distribution statement added to the Certification Page.
5/2/2007	Generic Memo with a PE Stamp added to Reference and Forms Page
Design Exception Form	
2/27/2008	Added Minor Rehabilitation to the note at the bottom of the first page.
11/14/2007	Revised threshold for full FHWA involvement from \$3 million to \$5 million.
5/10/2007	Added electronic distribution statement.
3/29/2007	Updated Work Type on first page. Added Basis for Recommendation on last page.
12/7/2006	Corrected typo on page 2, note 4, bride to bridge.
NDDOT Environmental Document Covers	
4/19/2010	3 PCR Templates updated executive decision questions.
12/29/2009	3 PCR Templates updated recommendations table and table of contents.
1/12/2009	3 PCR Templates updated to include PE Stamp disclaimer.
8/20/2008	3 PCR Templates updated for consistency with Section II-05
3/26/2008	3 PCR Templates added (1 for each type of shield)
2/27/2008	2 additional FONSI covers added (now a total of 3 - 1 for each shield)
2/27/2008	Removed the "Principle Author" from all of the EA and FONSI covers
12/4/2006	Updated website address, new NDDOT Director, and new OPD Director
Programmatic	
12/7/2011	Added the Nationwide Section 4(f) Evaluation for Historic Bridges
4/27/2011	Revised the ECL to show the new cost per mile of a PM Overlay
4/27/2011	Posted the revised Cost History Sheet
10/7/2010	Revised the ECL, Added Worksheet C.
5/6/2010	Revised ECL correspondence with ND State Water Commission via SOV Letter #6.

Legal Display Advertisements and Press Releases	
4/18/2011	Revised the Public Meeting Sign-In Sheet
1/28/2011	Revised the TTY number on all documents.
9/28/2010	Revised the accessible accommodations paragraph for all documents.
8/11/2010	Replaced the TTY number on all Press Releases and Legal Display Advertisements and replaced with 711.
4/17/2009	Added standard NDDOT public meeting Sign-In Sheet
4/17/2009	Updated all advertisements and press releases contact person information
6/19/2007	Minor revisions to instructions for Press Releases and Legal Display Advertisements
3/27/2007	Added Press Releases
2/9/2007	Consultants to use NDDOT TTY number as noted
1/12/2007	Updated all advertisements
Solicitation of Views Resources	
1/31/2012	Master SOV mailing list and Letter #6 were revised.
9/27/2011	Master SOV mailing list revised.
1/28/2011	SOV Letters 1,2,3,4,5, & 6 were revised.
1/28/2011	Master SOV mailing list revised.
11/12/2010	Master SOV mailing list revised.
8/6/2010	Removed "Interim" from Todd Sando's title on SOV Letter #6
8/6/2010	Removed "Interim" from Todd Sando's title on Master SOV List
5/11/2010	Opening paragraph revised on Letters 1,2,3,4, and 6. Also instructions added to the top of these letters.
5/6/2010	Master SOV mailing list revised.
10/22/2009	Master SOV mailing list revised.
10/22/2009	Letter 3 revised for the Acting State Conservationist
4/17/2009	Added SOV Letter #6 (State Water Commission)
4/16/2009	Master SOV: Removed the utility company addresses. Contact NDDOT utility engineer for list of utility companies to solicit.
3/5/2008	Changed from Mark Gaydos to Roger Weigel as Design Engineer
2/1/2008	Master SOV: Updated List as shown in "Revised date" column
Wetland Information	
11/4/2010	Added links for Floodplain, Permit, and Wetland Guidance for Consultants and NDDOT Designers.
5/6/2010	Added links for Example Wetland Delineation Reports, for both Field and Office delineations
5/6/2010	Updated the Wetland Tables.
7/29/2009	Additional Information for Wetland Jurisdictional Requests, with Instructions was added.
6/2/2009	Wetland Tables were updated for office/field delineations, and for environmental documentation and permitting purposes.
10/4/2007	Wetland Jurisdictional Determination Table was revised
3/17/2007	Added Word table as option
Utility Coordination	
11/16/2010	Added links for various utility coordination templates.
Noise Information	
8/19/2011	Created table to post the NDDOT Noise Policy.