

Design Manual and Reference and Forms Revisions:

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CHANGES TO DESIGN MANUAL - 2023

Date	Chapter	Section	Description
12-8-23	II	03.02.01.02, 03.02.02.03, 03.02.03.01, 03.05, & 03.05.03	Added verbiage to include Title VI survey slide to presentation or poster if open house format.
12-8-23	III	15.04.01	Added the word "zone" after the word "clear".
12-8-23	I	Table of Contents, 03.02, 06.04, & 09.01 2.e	Revised "Project of Division Interest" and "PODI" to "Risk-Based Stewardship and Oversight" and (RBSO)" as suggested by North Dakota FHWA.
12-8-23	III	13.05.04 and 18A	Removed old reference and bad link to Standard D-714-1A. Temporary Bypass plan sheet requirements/Non-Pay items—we pay for placement quantities now & by Each to remove.
12-8-23	I	10.03 & 10.03.01	Added "Standard Specification being bid under;" to the lists
12-8-23	III	03.05, 04.10.01, & 11.04	Replaced "Sliver Grading" with "Grade Widening".
12-8-23	I	07.04	Replaced "Review of Project Concept Report" to "Review of Environmental Document"
12-8-23	III	01.02.03, 02, 06.04, 16.01, 16.02, & 17.G	Replaced "PCR" or "Project Concept Report" with "Environmental Document".
12-8-23	IV	02.09.12	Replaced "PCR" with "Environmental Document".
12-8-23	V	02B.IV	Replaced "Project Concept Report" with "Environmental Document".

CHANGES TO DESIGN MANUAL - 2022

Date	Chapter	Section	Description
12-14-2022	1	5	Updated Design References Publications.
11-23-2022	1	5	Added Load Rating Manual to Reference Publications.
10-24-2022	1	6	Updated revisions to Design Guidelines.
10-26-2022	1	14	Section removed from Design Manual, due to duplication of Section in Recent Revisions, Corrections, and Updates portion of Design Manual Web page.
10-10-2022	2	01 & 02	Added Environmental Justice (EJ) Analysis Guidance.
10-4-2022	3	04	Updated hydraulic requirements for approach and centerline culverts.
9-14-2022	1	02	Included requirement for Preliminary Engineering meeting and required attendees for Bridge Design milestone.
9-13-2022	5	02	Revised guidance on modeling of structures for hydraulic reports, including updated guidance on calculating scour and permitting the use of 2D hydraulic models.
9-6-2022	1	13	Revised U.S.C. Section 409 to U.S.C. Section 407, removed Design Manual verbiage that already existed in Legal Division's Policy, and referenced to Legal Division's U.S.C. Section 407 Policy.
2-15-2022	1	02	Added Deputy Director for Planning and removed Office of Transportation Programs in Management Presentation and Scoping Report sections.
2-15-2022	1	04	Added Deputy Director for Planning and removed Office of Transportation Programs in PSR Meetings section.

CHANGES TO DESIGN MANUAL - 2021

Date	Chapter	Section	Description
1-15-2021	3	13	Added Section 19 Landscaping/Billboards to Chapter III.

CHANGES TO DESIGN MANUAL - 2020

Date	Chapter	Section	Description
4-29-2020	2	03	Added process information to allow for Virtual Public Involvement and Input Meetings
7-8-2020	-	-	Updated Preliminary Engineering Distribution List and Plan Review Distribution List

CHANGES TO DESIGN MANUAL - 2019

Date	Chapter	Section	Description
7-31-2019	1	3	Added clarification for PODI process
7-31-2019	1	5	Updated reference publications for both roadway design and structural design sections. Deleted duplicate publications that were under the structure section that were already listed under roadway design.
7-31-2019	1	6	Added full depth reclamation to Structural Improvement
7-31-2019	1	6	Changed "Accident" to "Crash"

CHANGES TO DESIGN MANUAL - 2018

Date	Chapter	Section	Description
1/25/2018	1	2	Added milestone activity and description for Endangered Species Act Consultation (ESACO). Revised milestone activity description for Biological Assessment (BIOAS).
1/25/2018	2	4 (Section 1)	-Added direction to clip wetlands off of the existing inslope when determining wetland impacts -Removed Stream order Systems -Minor edits that expanded or clarified existing text.
1/25/2018	2	4 (Section 2)	Minor edits that expanded or clarified existing text.
1/25/2018	2	4 (Section 3)	-Added what is expected in a conceptual mitigation plan -Added culvert sinking criteria based on 2017 revised 404 Nation Wide Permit Regional Conditions -Added 408 Permission and Outgrant information. -Minor edits that expanded or clarified existing text.
1/25/2018	2	4 (Section 4)	Minor edits that expanded or clarified existing text.
1/25/2018	2	4 (Section 5)	-Added detail to what is needed in conduction annual mitigation bank monitoring. -Minor edits that expanded or clarified existing text.
1/25/2018	2	4 (Section 6)	-Added detail to what is needed in conduction annual onsite mitigation monitoring. -Minor edits that expanded or clarified existing text.
1/25/2018	2	4 (Section 7)	-Deleted section 7 Mitigation Tracking -Added more detail to Section 9 Woody Vegetation Mitigation

CHANGES TO DESIGN MANUAL - 2017

Date	Chapter	Section	Description
9/22/2017	4	2	Removed 5' embankment depth requirement and added minimum pre-drilled hole diameters for each typically used H-pile size. Added bentonite as backfill material. Removed 500 year flood event. Added design philosophy for pile foundations. Added maximum beam/girder spacing. Replaced the New Jersey barrier with the single slope barrier in order to meet the latest MASH requirements. Added "Load Distribution to Substructures" design policy. Removed outdated box culvert length determination instructions and diagrams. Added "Pedestrian & Shared-Use" policy on opening for pedestrian boxes. Added policy of using concrete slope protection in urban areas and aggregate slope protection in rural areas.
9/22/2017	4	3	Added "Pile Driving Formula".
9/22/2017	4	4	Revised the method of calculation of pre-stressed losses from using refined method prior to 2005 interim AASHTO specifications to approximate method in current AASHTO specifications. Added "Pile Driving Formula." Changed from using no horizontal earth pressure to minimum load factors for horizontal earth pressure. Added 1.50 factor for active horizontal earth pressure. Removed crash wall requirements and added reference to AREMA. Replaced New Jersey barrier with single slope barrier in order to meet latest MASH requirements.
9/22/2017	4	6	Changed from Standard design to LRFD abutment design example. Removed outdated abutment underdrain and excavation details. Added single slope barrier details.
8/11/2017	3	3	Approaches to meet Standard Drawings D-203-6 and D-203-8 for Minor Rehabilitation Sliver Grading projects.
4/5/2017	1	6	The Design Guidelines have been updated to include MASH criteria. The MASH criteria in this section will be required for projects construction in 2018 and beyond. Projects constructed in 2017 may utilize prior version of Design Guidelines. See links on the Design Manual webpage.
3/6/2017	ALL	ALL	Eliminated drop down menus from Design Manual and reorganized numerous sections from Chapter 3 and Chapter 1.
3/6/2017	1	3	Added new section "FHWA Project of Division Interest" (PODI).
3/6/2017	1	4	Added new section "Project Status Report" (PSR).
3/6/2017	1	5	Added "Sign Calculator Program" to list of references. New version of Sign Calculator Program available on web.
3/6/2017	2	5	Added new section "Cultural Resources".

CHANGES TO DESIGN MANUAL - 2016

Date	Chapter	Section	Description
7/7/2016	2	3	Added internal guidance for posting public meeting advertisements to the NDDOT Calendar.
6/6/2016	5	2	Updated to reference HEC 18 5th Edition (2012) requirements in which the 200-year discharge is now acceptable for use as the scour design check flood frequency. Also added reference to USGS Bulletin 17B.
1/26/2016	1	2	Revised the Utility Coordination and Utility Engineering descriptions.
1/26/2016	3	4	Revised the replacement of approach and centerline culverts for projects. Also, minor revisions to sliver grading and grade raises.
1/26/2016	3	11	All new lighting installations to be LED systems.
1/26/2016	3	14B	Clarified that Design ADT is the total for both directions. Also, updated Table 1 and Table 1 to be consistent with the 2011 AASHTO Roadside Design Guide.
1/26/2016	5	1	Revised to include the most recent 2015 USGS Regression Equations. Also, additional guidance added for determination of Ruggedness Number.
1/26/2016	5	5	Guidance added when to allow Polypropylene Pipe (Type S) as a plastic pipe alternative under paved roadways.
1/26/2016	5	5A	Added backfill height table for Polypropylene Pipe (Type S).

CHANGES TO DESIGN MANUAL - 2015

Date	Chapter	Section	Description
12/2/2015	1	10A	Added Bridge Design Section and M&R Geotech Section.
6/24/2015	N/A	N/A	Updated preliminary engineering distribution list to include FHWA circulation of draft DCE for PODI only.
6/24/2015	1	2	Changed flagging value for railroad flagging and updated Design Right of Way Limits submittals for internal design
6/24/2015	3	1C	Added SP information and RIMS vertical clearance to Final Office Plan Review checklist
5/13/2015	5	1,2,3,4	Sections 1 through 4 and related appendixes have been re-written and completely revised. Many items have changed. <i>(Sections 5 & 6 remain unchanged with no revisions.)</i>
5/13/2015	1	15	Updated to newer version of reference publications for "Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals" & "AASHTO LRFD Bridge Design Specifications".
5/6/2015	1	2	Added FHWA to be invited to Management Presentation for PODI projects.
5/6/2015	1	7	Deleted most of this section about plan sheet order, as it is covered in detail within Chapter 6 CADD Manual.
5/6/2015	1	8	Added guidance for displaying consultant company firm name on the title sheet of plans.
5/6/2015	3	3	Revised spiral curve policy to be consistent with AASHTO. Added guidance for Flared Intersections (D-203-7) and Rural Approaches (D-203-8).
5/6/2015	3	11	Deleted the old lighting warrants and reference the new lighting warrants available on NDDOT website.
5/6/2015	3	12	Removed span length table from Standard Drawing D-772-6&7 and added them to this section.
5/6/2015	3	20	Added guidance that SP's must be PE stamped if they contain an engineering related work product.
1/30/2015	1	8	Added descriptions and process for supplemental data with project plans.
1/30/2015	3	5	Added clarification of when to use salvaged base vs. aggregate base course CL 5 with projects.

CHANGES TO DESIGN MANUAL - 2014

Date	Chapter	Section	Description
7/28/2014	2	3	Added descriptions and process for new SOV Letter #8.
7/28/2014	3	3	Revised left turn lane minimum storage lengths. Also added section to provide guidance concerning geometrics of truck acceleration/deceleration lanes at railroad crossings.
7/28/2014	3	10A	Updated the pavement marking goal tables.
5/12/2014	2	4	Added new section, "Wetlands, Vegetation, & Environmental Permitting"
4/16/2014	1	10A	Updated distribution list for FHWA Projects of Division Interest (PODI), which essentially replaced Full Involvement.
4/16/2014	5	5A	Added more description for measurement of cover or pipe
4/16/2014	3	1C	Revised the Final Office Plan Checklist
4/16/2014	3	21	Added sections to describe Alternates, Options, Tied Projects, Sub-Projects, and other minor updates
3/11/2014	5	5	Revised to permit local governing entity to select pipe materials for off state system projects.
3/11/2014	5	5A	Added pipe backfill height tables for 5" x 1" corrugated pipe.
3/11/2014	1	6	Revised to correctly reference 2011 AASHTO Green Book.

CHANGES TO DESIGN MANUAL - 2013

Date	Chapter	Section	Description
12/31/2013	-	-	Added Construction Services – Environmental Review Section to the Distribution Lists.
12/27/2013	3	19A	Added this section for maintaining traffic for work zones.
11/27/2013	1	1, 2	Combined these two sections both into Chapter 1 Section 1.
11/27/2013	1	2	Revised this section to the Milestone Program.
11/27/2013	1	2A	Add this section to contain the Milestone Flowcharts.
11/27/2013	2	1	Revised this section due to new DCE documents and environmental reference updates.
11/27/2013	2	2	Moved the Milestone Program to Chapter 1 Section 2, and revised this section to now be Environmental Documentation to detail new DCE process and other updated environmental information.
11/27/2013	2	2A	Moved the Milestone Flow Charts to Chapter 1 Section 2A. Revised this section to Cultural Resource Procedures Outline
11/27/2013	2	3	Revised this section to now be Public Involvement and Coordination due to new DCE process.
11/27/2013	2	4,5,6,7	Deleted these sections and appendixes.
10/23/2013	3	13B	New section added for guardrail length of need details.
8/21/2013	3	9	The section was updated (last page of section) to now require Type IV and Type XI retro-reflective sheeting.
8/21/2013	3	9A	The signing detail figures were revised to be compliant with 2011 MUTCD.
8/21/2013	3	10B	The marking detail figure has been revised to be consistent with current practice of using message arrows in lieu of “ONLY” pavement marking for turn lanes.
3/28/2013	1	4	The map of the NHS system was updated.
1/31/2013	3	15	This section has been replaced by new section to describe: fills over 7’, foreslope flattening, and flattening at culverts.
1/31/2013	3	15A	This section has been deleted.
1/31/2013	3	15B	This section has been deleted.
1/31/2013	3	14	Minor revision guardrail section which added text to be consistent with the <i>DESIGN GUIDELINES</i> .

CHANGES TO DESIGN MANUAL – 2013 (Continued)

Date	Chapter	Section	Description
1/16/2013	1	8	The section was revised to reflect internal submission of electronic and hard copy plans. O: drive, plan holding folder, DIP, etc...
1/16/2013	2	3C	Civil Rights was added to the distribution table to be invited to public meetings.
1/16/2013	3	4	The section was revised to incorporate guidance for sliver grading, borrow, waste, grade raises, and culvert guidance.

CHANGES TO DESIGN MANUAL - 2012

Date	Chapter	Section	Description
12/5/2012	3	3	Updated the turn lane design criteria for length, storage, etc..
12/5/2012	3	14	Updated section to clarify Safety Reviews for Minor Rehab, Structural Improvement, and Major Rehab types of projects.
9/20/2012	2	2	Updated section to incorporate numerous new milestone items.
9/20/2012	2	2A	Replaced section to display flow charts for specific milestone items.
7/23/2012	2	4	Updated public meeting process to include SFN forms for sign in sheets and participation survey. Also revised Local Gov't process.
5/31/2012	1	15	The reference publications were updated. Revised to use the 2011 AASHTO Green Book.
4/10/2012	1	4	The HPCS and NHS maps were updated.
4/10/2012	1	15	The reference publications were updated.
4/9/2012	1	10A	Revised the distribution list for plan reviews.
4/9/2012	2	3C	Revised the distribution list for environmental documents.
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 " <i>Coordination and Notification for Utility Relocation, Adjustments, and Reimbursement</i> " 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.

CHANGES TO DESIGN MANUAL – 2009 (Continued)

Date	Chapter	Section	Description
2/11/2009	2	3C	Updated the preliminary engineering Distribution List Appendix II-03A.
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 Pedstrian 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
Design Exception Form	
7/31/2015	Updated form to be consistent with Stewardship agreement.
11/7/2012	Modified for to be DOT form. Changed footer.
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.
Legal Display Advertisements and Press Releases	
12/3/2015	Updated all Press Releases and also Public Hearing Advertisement.
12/10/2014	Updated the Public Participation Survey and Instructions.
3/11/2013	Updated the Public Participation Survey and Instructions.
12/5/2012	Updated the Instructions for Public Participation Surveys.
11/7/2012	Add link for Stormwater Poster.
7/23/2012	Updated all public meeting advertisements and press releases. Added sign in sheet, participation survey, instructions, and codes.
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
Miscellaneous Sheets	
6/24/2015	Updated 3-01C Final Plan Checklist
5/5/2015	Updated Electronic Plan Submittal Checklist with various items.
4/16/2014	Updated 3-01 C Final Plan Checklist
11/27/2013	Moved the Railroad Crossing Review form here from the Design Manual.
9/18/2012	Added new Borrow Site Report excel document.
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.

Date	Description
NDDOT Environmental Document Covers	
11/12/2014	Added USFS Biological Evaluation document.
11/15/2013	Added Document Cover Color Codes.
7/1/2013	Replaced all PCR templates with new Documented CATEX template, and moved to NEPA Documentation table.
7/1/2013	Added the Environmental Impact Checklist.
Noise Information	
6/24/2015	Added Noise Analysis Template
8/21/2013	Revised Type 1 Project Determination.
11/7/2012	Added Type 1 Project Determination link.
4/10/2012	The 2011 noise policy was updated. The Noise Abatement Criteria Table, Activity Category E, was changed from 52 Leq(h) for interiors to an 72 Leq(h) for exterior locations only.
8/19/2011	Created table to post the NDDOT Noise Policy.
NEPA Documentation	
12/31/2015	Revised ECL. Added PM Subcut, removed Dec. Doc. for ITS items, and other minor edits.
12/3/2015	Section 7 ESA Guidance was updated due to species removed from USFWS list for the Greater Sage Grouse.
9/21/2015	Added FHWA & USFWS Programmatic BA for NLEB.
5/5/2015	DCE Enviro Impact Checklist was expanded for numerous items.
5/5/2015	Section 7 ESA Guidance was updated due to new species listing for NLEB.
1/30/2015	Updated Section 7 ESA Guidance
11/12/2014	Added Northern Long-Eared Bat (NLEB) Guidance
4/16/2014	Revised the ECL. Changed Decision Document items, added airport question, and added Surveillance Camera.
11/27/2013	Revised the ECL. Added additional work items and NDDOT signatures.
7/1/2013	Replaced all PCR templates with new Documented CATEX template, and moved to NEPA Documentation table.
7/1/2013	Added the Environmental Impact Checklist.
5/13/2013	Added/Revised documents for Nationwide Section 4(f) for Bridges, Historic Sites, and Recreation Areas.
12/6/2012	Revised ECL/Decision Document title page to read "INTERIM DIRECTOR Grant Levi, P.E.
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.
Solicitation of Views Resources	
7/7/2016	Updated Master SOV.
6/6/2016	Updated Master SOV. Also added Transit and Railroad contacts.
12/31/2015	Updated SOV Letter #2 - USACE.
12/31/2015	Updated Master SOV
12/2/2015	Updated Master SOV
6/24/2015	Updated Master SOV
5/5/2015	Updated Master SOV and Letter #7
7/24/2014	Added new SOV Letter #8. Also revised contact person for letters 1,3,4,6,7
4/16/2014	Revised Letter #2 US Corps of Engineers

