PLAN DEVELOPMENT GUIDANCE

B – TYPICAL CROSS SECTIONS

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Typical Cross Sections.dgn” |
| Step 2a – Draw Typical Cross Sections   * Instruction Document – [OnBase - 02 Drawing Typical Cross Sections](onbase://document/view/?DocID=47662368&Sig=SNxCzJtdl_ovBHaUM0hV6uI6-N4mZQRnFQysBfyJpBY~) * Video - [OnBase - 02 Drawing Typical Cross Sections - Video](onbase://document/view/?DocID=47662402&Sig=JN2FrW2TczmKpbTsA0t5uzabQtDmnnIlLH_mwAYXR5w~) * Standard Hatching and Pattern definitions for typical cross sections can be found in the CADD Coordination Policy - [cadd-coordination-policy.pdf (nebraska.gov)](https://dot.nebraska.gov/media/1thbhdt1/cadd-coordination-policy.pdf) |
| Step 2b – Place Typical Cross Section Details   * Instruction Document – [OnBase - 02 Placing Parametric Typical Cross Section Details](onbase://document/view/?DocID=47727912&Sig=4BDubhBFgY0uaUMD_lLixVfxiC7ZEaGc1F6qVnkGzvI~) * Video – |
| Step 2c – Place Standard Details   * Instruction Document – [OnBase - 02 Placing Standard Details on Sheets](onbase://document/view/?DocID=47727918&Sig=7VIxu7VMZemfRHFekE0JSqJMLR5AlKiaXBSTDDMupns~) * Video – [OnBase - 02 Placing Standard Details on Sheets - Video](onbase://document/view/?DocID=47727915&Sig=ljVQ7kO4sMFBHGyp0YzJWn0SEk5__lmBDUQtlj9eljI~) |
| Step 3 – Create Sheet Models   * Instruction Document – [OnBase - 03 Create Typical Cross Section Sheets](onbase://document/view/?DocID=47727924&Sig=Brz3qor6Ekv5Hg8BnzlWWzhPMptjKebFWuHpWl3bKHw~) * Video - [OnBase - 03 Create Typical Cross Section Sheets - Video](onbase://document/view/?DocID=47727922&Sig=vla1QqS0qeQutMqQzroAkkbvbtjlXRJZRnwtebmL54c~) |
| Step 4 – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * If the Legend is used, reference in the legend from the “02 – Legend” model. This will not be placed in the border. Move the reference to fit in the drawing area of each sheet. |
| Example Documents   * PDF – * DGN – |

E – ENVIRONMENTAL or AERIAL

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Environmental.dgn” or “00000 Sheets Plan-Plan.dgn”. |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Best Practices * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet * The legend only needs to be placed for Environmental Sheets. Aerial Sheets will still need the Flight Information on each sheet. |
| Step 5 – Place Hatching and Patterns for Wetland Impact Shapes   * Instruction Document – * Video – * Standard Hatching and Pattern definitions can be found in the CADD Coordination Policy - [cadd-coordination-policy.pdf (nebraska.gov)](https://dot.nebraska.gov/media/1thbhdt1/cadd-coordination-policy.pdf) |
| Example Documents   * PDF – * DGN – |

F – HORIZONTAL ALIGNMENT & ORIENTATION

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Horiz Align.dgn” |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) * Best Practices * These Sheets should be cut at 100 Scale Plan over Plan, along each alignment. * Projects with multiple alignments should have a sheet that labels the begin/end of the secondary alignments and the corresponding station to the mainline alignment. |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Step 5a – Place Horizontal Alignment Report on Plan Sheets   * Instruction Document – [OnBase - 05 Place Horizontal Alignment Report on Plan Sheets](onbase://document/view/?DocID=47665040&Sig=rTPjcF2qTXmpvmcosbyFpmftthqTkjMS0T9r4q0576o~) * Video – [OnBase - 05 Placing the Horizontal Alignment Report on Plan Sheets - Video](onbase://document/view/?DocID=47826130&Sig=dPzJ3KiyvtUEaWG7pk-9X1jt_HGYynjKY8gImFrBe30~) |
| Step 5b – Place the Control Point Data table   * Instruction Document – [OnBase - 05 Placing the Control Point Data Table](onbase://document/view/?DocID=46985298&Sig=o2zcjiuvs_ui3-r4UlrglyqAaHeh6yftqgkxke5FZMM~) * Video – |
| Example Documents   * PDF – * DGN – |

G – GENERAL INFORMATION

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets General Information.dgn”. |
| Step 2a – Create Additional sheets by manually copying sheet models   * Instruction Document – [OnBase - 02 Manually Copy a Sheet Model](onbase://document/view/?DocID=47748549&Sig=oshML3LIO6Yq07bKmCFGQmY_FjuMTY0dk-8sF1TsmuU~) * Video - [OnBase - 02 Manually Copy a Sheet Model - Video](onbase://document/view/?DocID=47748552&Sig=TqP3rcr9lB3yl3UxJZ6psLIqdVbtxMKu24R_g_MTOkE~) |
| Step 2b – Import Standard Information Sheets   * Instruction Document – [OnBase - 02 Import Standard Information Sheets](onbase://document/view/?DocID=47748554&Sig=2HqbBJFV_i8nsFGKLKplcKzV04x-OxpAIwfEzzYUYIE~) * Video – [OnBase - 02 Import Standard Information Sheets - Video](onbase://document/view/?DocID=47748560&Sig=1c2sRjsco48zkSryjYdJ7yYPQFhPBYKHjHxlJRZxYx0~) |
| Step 2c – For Access Crossing Sheets ONLY - Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3a – For Access Crossing Sheets ONLY Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) |
| Step 4a – For Access Crossing Sheets ONLY - Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – For Access Crossing Sheets ONLY - Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Step 5 – Place Tabular Notes   * Instruction Document – [OnBase - 05 Placing Tabular Notes in ORD](onbase://document/view/?DocID=47532003&Sig=Z-PAdcIcf4vRSSfT3e6Sg4zL2kCJGr6dl7W2lNIpsgI~) * Video – [OnBase - 05 Placing Tabular Notes in ORD - Video](onbase://document/view/?DocID=47918020&Sig=FTkf6YSQi9eTdBXMybNNPoLCM8DMZEH0GH5U57ovdD4~) |
| Example Documents   * PDF – * DGN – |

H – PHASING

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Phasing.dgn” |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) * Best Practices * Create Named Boundaries once, and use the same named boundaries to cut sheets for each phase. This will create a drawing model and sheet model for each phase. * Place the hatching and patterns in the drawing models for each phase. |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text to show the Phase/Stage is shown on the sheets. For example, the Sheet Title text should read “PHASING” and the Additional Detail Text should read “PHASE 1, STAGE 1”. |
| Step 5 – Place Hatching and Patterns for Phasing Shapes   * Instruction Document – * Video – * Standard Hatching and Pattern definitions can be found in the CADD Coordination Policy - [cadd-coordination-policy.pdf (nebraska.gov)](https://dot.nebraska.gov/media/1thbhdt1/cadd-coordination-policy.pdf) |
| Example Documents   * PDF – * DGN – |

J – GEOMETRICS

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Geometrics.dgn” |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Step 5 – Place Geometric Labels   * Instruction Document – [OnBase - 05 Placing Geometric Labels](onbase://document/view/?DocID=47781896&Sig=aKclKoeftGHZbFvypeLiLIRU1sROkH-0_7I8Gkl_PUk~) * Video - [OnBase - 05 Placing Geometric Labels - Video](onbase://document/view/?DocID=47781884&Sig=aYHOJD75R2X2Me0oGG9cxwqwqhRAtkQda5rgYzkJBwk~) |
| Example Documents   * PDF – * DGN – |

J – GRADES

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Grades.dgn” |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Step 5 – Place Grade Labels   * Instruction Document – [OnBase - 05 Placing Grade Elevation Labels](onbase://document/view/?DocID=47862618&Sig=HvMgt-wjzNRkRJfHtM66xmEAl2GTyq_JENJD0IVGEPE~) * Video - [OnBase - 05 Placing Grade Elevation Labels - Video](onbase://document/view/?DocID=47862627&Sig=2OyPGm-ceCbSdI8nsbFuMaiNhEVrrHIL91FMWoPjsu8~) |
| Example Documents   * PDF – * DGN – |

J – JOINTS

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Joints.dgn” |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Example Documents   * PDF – * DGN – |

J – DRAINAGE

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Drainage.dgn” |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Step 5 – Place Tabular Notes and Callouts   * Instruction Document – [OnBase - 05 Placing Tabular Notes in ORD](onbase://document/view/?DocID=47532003&Sig=Z-PAdcIcf4vRSSfT3e6Sg4zL2kCJGr6dl7W2lNIpsgI~) * Video - [OnBase - 05 Placing Tabular Notes in ORD - Video](onbase://document/view/?DocID=47918020&Sig=FTkf6YSQi9eTdBXMybNNPoLCM8DMZEH0GH5U57ovdD4~) |
| Example Documents   * PDF – * DGN – |

J – CONSTRUCTION & REMOVAL

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Construction & Removal.dgn” * If Construction Sheets and Removal Sheets are separate, use the “00000 Sheets Construction.dgn” and “00000 Sheets Removal.dgn” Seed Files. |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Step 5a – Place Tabular Notes   * Instruction Document – [OnBase - 05 Placing Tabular Notes in ORD](onbase://document/view/?DocID=47532003&Sig=Z-PAdcIcf4vRSSfT3e6Sg4zL2kCJGr6dl7W2lNIpsgI~) * Video – [OnBase - 05 Placing Tabular Notes in ORD - Video](onbase://document/view/?DocID=47918020&Sig=FTkf6YSQi9eTdBXMybNNPoLCM8DMZEH0GH5U57ovdD4~) * Place Removal tabular notes on the top portion of the plan sheet and Construction tabular notes on the bottom portion. |
| Step 5b – Place Hatching and Patterns for Removal or Construction Shapes   * Instruction Document – * Video – * Standard Hatching and Pattern definitions can be found in the CADD Coordination Policy - [cadd-coordination-policy.pdf (nebraska.gov)](https://dot.nebraska.gov/media/1thbhdt1/cadd-coordination-policy.pdf) |
| Example Documents   * PDF – * DGN – |

J – EROSION & SEDIMENT CONTROL

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Erosion Control.dgn” |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Step 5a – Place Tabular Notes   * Instruction Document – [OnBase - 05 Placing Tabular Notes in ORD](onbase://document/view/?DocID=47532003&Sig=Z-PAdcIcf4vRSSfT3e6Sg4zL2kCJGr6dl7W2lNIpsgI~) * Video - [OnBase - 05 Placing Tabular Notes in ORD - Video](onbase://document/view/?DocID=47918020&Sig=FTkf6YSQi9eTdBXMybNNPoLCM8DMZEH0GH5U57ovdD4~) |
| Step 5b – Place Hatching and Patterns for Erosion Control Shapes   * Instruction Document – * Video – * Standard Hatching and Pattern definitions can be found in the CADD Coordination Policy - [cadd-coordination-policy.pdf (nebraska.gov)](https://dot.nebraska.gov/media/1thbhdt1/cadd-coordination-policy.pdf) |
| Example Documents   * PDF – [ProjectWise - Erosion Control Example.pdf](pw:\\nebraskadot-pw.bentley.com:nebraskadot-pw-01\Documents\PDU\Procedures\Plan%20Production\J3%20-%20Erosion%20&%20Sediment%20Control\Erosion%20Control%20Example.pdf) * DGN – |

K – UTILITY RELOCATION

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Utilities.dgn” |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Example Documents   * PDF – * DGN – |

L – PLAN or PLAN OVER PLAN

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Plan.dgn” or “00000 Sheets Plan-Plan.dgn”. |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place the Guide Cell for Build Notes   * Instruction Document – [OnBase - 04 Placing Guide Cell for Build Notes](onbase://document/view/?DocID=47531993&Sig=BmOvW_81F--8k1giuC30kS7DnP_4nDoGIK77-NnBfGo~) * Video - [OnBase - 04 Placing Guide Cell for Build Notes - Video](onbase://document/view/?DocID=47662459&Sig=ATzo7yIIBeZsxkdGOUBNfDZnpLMP-RL6Xt5dis-E5v0~) |
| Step 4c – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Best Practices * L Sheets do not need a Legend * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Step 5 – Place the Build Notes   * Instruction Document - [OnBase - 05 Placing Construction Notes in ORD](onbase://document/view/?DocID=47917844&Sig=iYf_6iu15jrzf25FyYPR05lWk9s3_vFr2RVn5UMojWg~) * Video – [OnBase - 05 Placing Construction Notes in ORD - Video](onbase://document/view/?DocID=47918016&Sig=LLcwg3UQrs2CCNHh7SWJ4e_lypY0y9QAPFL-yKy9K4w~) |
| Example Documents   * PDF – * DGN – |

L – PLAN & PROFILE

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Plan & Profile.dgn”. |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan and Profile Sheets in ORD](onbase://document/view/?DocID=47663027&Sig=Rs4fWRaKEto9342EJ120skOTl4b5Qoz9v40wDY0PoZ0~) * Video - [OnBase - 03 Create Plan and Profile Sheets in ORD - Video](onbase://document/view/?DocID=47662441&Sig=E9m0wBLKilj8zFud5sjlVNuRYXQV0TjXNcsVKUa05gI~) |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place the Guide Cell for Build Notes   * Instruction Document – [OnBase - 04 Placing Guide Cell for Build Notes](onbase://document/view/?DocID=47531993&Sig=BmOvW_81F--8k1giuC30kS7DnP_4nDoGIK77-NnBfGo~) * Video - [OnBase - 04 Placing Guide Cell for Build Notes - Video](onbase://document/view/?DocID=47662459&Sig=ATzo7yIIBeZsxkdGOUBNfDZnpLMP-RL6Xt5dis-E5v0~) |
| Step 4c – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Best Practices * L Sheets do not need a Legend * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Step 5 – Place the Build Notes   * Instruction Document - [OnBase - 05 Placing Construction Notes in ORD](onbase://document/view/?DocID=47531998&Sig=AOJO4CfANDmUUCkvGNfBhulVP-KX95qSSfRcZYee80M~) * Video – [OnBase - 05 Placing Construction Notes in ORD - Video](onbase://document/view/?DocID=47918016&Sig=LLcwg3UQrs2CCNHh7SWJ4e_lypY0y9QAPFL-yKy9K4w~) |
| Example Documents   * PDF – * DGN – |

Q – EARTHWORK

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Earthwork.dgn” |
| Step 2 – Calculate Earthwork and Place Earthwork Report on Plan Sheets   * Instruction Document – [OnBase - 02 Calculating Earthwork and Placing Report on Plan Sheets](onbase://document/view/?DocID=47794651&Sig=Bi-ky2uNHqZEewRQBzEMkNH2y2cwe6WEjvmmSUowKXM~) * Video – [OnBase - 02 Calculating Earthwork and Placing Report on Plan Sheets - Video](onbase://document/view/?DocID=47826120&Sig=9mD9nGMgG9z1S0gAzfd2gle4E0KoV8aSniTEmfgsPw4~) |
| Step 3 – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Example Documents   * PDF – [ProjectWise - Example Q Sheets.pdf](pw:\\nebraskadot-pw.bentley.com:nebraskadot-pw-01\Documents\PDU\Procedures\Plan%20Production\Q%20-%20Earthwork\Example%20Q%20Sheets.pdf) * DGN – |

R – DRAINAGE CROSS SECTIONS

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Drainage X Sections.dgn” |
| Step 2 – Create Cross Section Sheets   * Instruction Document - [OnBase - Creating Cross Section Sheets](onbase://document/view/?DocID=44586119&Sig=f4Qre-3NUaneefN_tVHpebvWYzeMYFfX2GKennfmt0s~) * Video – |
| Step 3 – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Example Documents   * PDF – * DGN – |

U – GUARDRAIL SPECIAL PLANS

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets Specials.dgn” |
| Step 2 – Set Up Reference Files and Level Displays   * Instruction Document – [OnBase - 02 Setting up Sheets Files](onbase://document/view/?DocID=47416783&Sig=1oMsPkIDsdCLUrfCnUg3bzSQMYFOiy9AMeJIbfV5mrU~) * Video - [OnBase - 02 Setting up Sheets Files - Video](onbase://document/view/?DocID=47662437&Sig=h7Q5qOVdJmS9Ikq1agEBB6PTb-FUDU7l0jTv1R5WGNA~) |
| Step 3 – Create Drawing Models and Sheet Models   * Instruction Document – [OnBase - 03 Create Plan Sheets in ORD](onbase://document/view/?DocID=47416785&Sig=FqFyLjRJB87nA6nV6ps5kR4NTSV8LhSYgxRlQVQoObo~) * Video - [OnBase - 03 Create Plan Sheets in ORD - Video](onbase://document/view/?DocID=47662606&Sig=esdM_xzVJvV5glg882XrXFoWiidBrJPxgwbK_R1Btx8~) |
| Step 4a – Place the Map Feature Labels   * Instruction Document – [OnBase - 04 Placing Map Feature Labels on Plan Sheets](onbase://document/view/?DocID=47579310&Sig=iZJcpQtrI314iDV1WZBYvuf-aN5wsbLv1giz37nQWYg~) * Video - [OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video](onbase://document/view/?DocID=47662462&Sig=PL3yhUeJertaiWUVEB2zHVTY5y9FaFpSw8-YH16jwj4~) |
| Step 4b – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Example Documents   * PDF – [ProjectWise - Guardrail Special Plan Example.pdf](pw:\\nebraskadot-pw.bentley.com:nebraskadot-pw-01\Documents\PDU\Procedures\Plan%20Production\U%20-%20Guardrail%20Special%20Plans\Guardrail%20Special%20Plan%20Example.pdf) * DGN – |

X – CROSS SECTIONS

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “00000 Sheets X Sections.dgn” |
| Step 2 – Create Cross Section Sheets   * Instruction Document - [OnBase - Creating Cross Section Sheets](onbase://document/view/?DocID=44586119&Sig=f4Qre-3NUaneefN_tVHpebvWYzeMYFfX2GKennfmt0s~) * Video – |
| Step 3 – Place all Remaining Title Block Information   * Instruction Document – [OnBase - 04 Placing Title Block Information for Roadway Plans](onbase://document/view/?DocID=47516859&Sig=wEulltz77Zp0zzxkelwUScXX06hGb6hBdqm9EUfpA-8~) * Video – [OnBase - 04 Placing Title Block Information for Roadway Plans - Video](onbase://document/view/?DocID=47662465&Sig=SgK6dlgyjUFkqhr5vQm1NrtqG4y-USToA2Ts1PCkF9c~) * Use the Additional Detail text when the project has multiple alignments. The text should match the Highway or Segment Name shown on the sheet |
| Example Documents   * PDF – * DGN – |

DRAFT TOPOG FILE

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| Step 1 – Create Base Sheets File in ProjectWise   * Instruction Document - [OnBase - 01 Create Base Sheets Files in Projectwise](onbase://document/view/?DocID=47367732&Sig=uyIMP03jfusN7w9TSKXZe44bRHaw847QBcVew5_3RmE~) * Video - [OnBase - 01 Create Base Sheets Files in Projectwise - Video](onbase://document/view/?DocID=47662389&Sig=uW_X4q-DYpIOTApbW2PQkJpUnFhCeHbgC4IZGDxGb58~) * Use Seed File “NDOT\_2D\_Seed.dgn” |
| Step 2 – Place Section and Corporate Limit Lines   * Instruction Document - [OnBase - Place Section and Corporate Limit Lines](onbase://document/view/?DocID=47671887&Sig=hjVusRxHOegB8n69qthIv8sRtbWUGHsulGes5Ijn0tU~) * Video – |
| Step 3 – Annotate Drive Centerline   * Instruction Document – [OnBase - Annotate Drive CL with Civil Labeler](onbase://document/view/?DocID=47671881&Sig=fbvOJT_jAVU8lup-kzOLYjE-MAtQ9g3CfQDvLdCymdM~) * Video – |
| Step 4 – Annotate Utilities   * Instruction Document – [OnBase - Annotate Topog with Civil Labeler](onbase://document/view/?DocID=47671885&Sig=UjDMn3_fyo8KcgzZh-_RAto1bZkqE-pF_K3P-g698Mo~) * Video – |
| Example Documents   * PDF – * DGN – |