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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* Use Seed File “00000 Sheets Typical Cross Sections.dgn”
 |
| Step 2a – Draw Typical Cross Sections * Instruction Document – OnBase - 02 Drawing Typical Cross Sections
* Video - OnBase - 02 Drawing Typical Cross Sections - Video
* 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
* Video –
 |
| Step 2c – Place Standard Details * Instruction Document – OnBase - 02 Placing Standard Details on Sheets
* Video – OnBase - 02 Placing Standard Details on Sheets - Video
 |
| Step 3 – Create Sheet Models * Instruction Document – OnBase - 03 Create Typical Cross Section Sheets
* Video - OnBase - 03 Create Typical Cross Section Sheets - Video
 |
| Step 4 – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* 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
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
 |
| Step 4a – Place the Map Feature Labels* Instruction Document – OnBase - 04 Placing Map Feature Labels on Plan Sheets
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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 –
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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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* 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
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
* 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
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video – OnBase - 05 Placing the Horizontal Alignment Report on Plan Sheets - Video
 |
| Step 5b – Place the Control Point Data table* Instruction Document – OnBase - 05 Placing the Control Point Data Table
* 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* 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
* Video - OnBase - 02 Manually Copy a Sheet Model - Video
 |
| Step 2b – Import Standard Information Sheets* Instruction Document – OnBase - 02 Import Standard Information Sheets
* Video – OnBase - 02 Import Standard Information Sheets - Video
 |
| Step 2c – For Access Crossing Sheets ONLY - Set Up Reference Files and Level Displays * Instruction Document – OnBase - 02 Setting up Sheets Files
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3a – For Access Crossing Sheets ONLY Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
 |
| Step 4a – For Access Crossing Sheets ONLY - Place the Map Feature Labels* Instruction Document – OnBase - 04 Placing Map Feature Labels on Plan Sheets
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – For Access Crossing Sheets ONLY - Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video – OnBase - 05 Placing Tabular Notes in ORD - Video
 |
| 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* Use Seed File “00000 Sheets Phasing.dgn”
 |
| Step 2 – Set Up Reference Files and Level Displays * Instruction Document – OnBase - 02 Setting up Sheets Files
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
* 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
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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 –
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J – GEOMETRICS

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| --- |
| Step 1 – Create Base Sheets File in ProjectWise* Instruction Document - OnBase - 01 Create Base Sheets Files in Projectwise
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* Use Seed File “00000 Sheets Geometrics.dgn”
 |
| Step 2 – Set Up Reference Files and Level Displays * Instruction Document – OnBase - 02 Setting up Sheets Files
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
 |
| Step 4a – Place the Map Feature Labels* Instruction Document – OnBase - 04 Placing Map Feature Labels on Plan Sheets
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video - OnBase - 05 Placing Geometric Labels - Video
 |
| 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* Use Seed File “00000 Sheets Grades.dgn”
 |
| Step 2 – Set Up Reference Files and Level Displays * Instruction Document – OnBase - 02 Setting up Sheets Files
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
 |
| Step 4a – Place the Map Feature Labels* Instruction Document – OnBase - 04 Placing Map Feature Labels on Plan Sheets
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video - OnBase - 05 Placing Grade Elevation Labels - Video
 |
| 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* Use Seed File “00000 Sheets Joints.dgn”
 |
| Step 2 – Set Up Reference Files and Level Displays * Instruction Document – OnBase - 02 Setting up Sheets Files
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
 |
| Step 4a – Place the Map Feature Labels* Instruction Document – OnBase - 04 Placing Map Feature Labels on Plan Sheets
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* Use Seed File “00000 Sheets Drainage.dgn”
 |
| Step 2 – Set Up Reference Files and Level Displays * Instruction Document – OnBase - 02 Setting up Sheets Files
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
 |
| Step 4a – Place the Map Feature Labels* Instruction Document – OnBase - 04 Placing Map Feature Labels on Plan Sheets
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video - OnBase - 05 Placing Tabular Notes in ORD - Video
 |
| 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* 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
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
 |
| Step 4a – Place the Map Feature Labels* Instruction Document – OnBase - 04 Placing Map Feature Labels on Plan Sheets
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video – OnBase - 05 Placing Tabular Notes in ORD - Video
* 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* 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
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
 |
| Step 4a – Place the Map Feature Labels* Instruction Document – OnBase - 04 Placing Map Feature Labels on Plan Sheets
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video - OnBase - 05 Placing Tabular Notes in ORD - Video
 |
| 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
* 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* Use Seed File “00000 Sheets Utilities.dgn”
 |
| Step 2 – Set Up Reference Files and Level Displays * Instruction Document – OnBase - 02 Setting up Sheets Files
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
 |
| Step 4a – Place the Map Feature Labels* Instruction Document – OnBase - 04 Placing Map Feature Labels on Plan Sheets
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* 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
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
 |
| Step 4a – Place the Map Feature Labels* Instruction Document – OnBase - 04 Placing Map Feature Labels on Plan Sheets
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place the Guide Cell for Build Notes* Instruction Document – OnBase - 04 Placing Guide Cell for Build Notes
* Video - OnBase - 04 Placing Guide Cell for Build Notes - Video
 |
| Step 4c – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video – OnBase - 05 Placing Construction Notes in ORD - Video
 |
| 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* 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
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan and Profile Sheets in ORD
* Video - OnBase - 03 Create Plan and Profile Sheets in ORD - Video
 |
| Step 4a – Place the Map Feature Labels* Instruction Document – OnBase - 04 Placing Map Feature Labels on Plan Sheets
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place the Guide Cell for Build Notes* Instruction Document – OnBase - 04 Placing Guide Cell for Build Notes
* Video - OnBase - 04 Placing Guide Cell for Build Notes - Video
 |
| Step 4c – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video – OnBase - 05 Placing Construction Notes in ORD - Video
 |
| Example Documents* PDF –
* DGN –
 |

Q – EARTHWORK

|  |
| --- |
| Step 1 – Create Base Sheets File in ProjectWise* Instruction Document - OnBase - 01 Create Base Sheets Files in Projectwise
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* 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
* Video – OnBase - 02 Calculating Earthwork and Placing Report on Plan Sheets - Video
 |
| Step 3 – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* DGN –
 |

R – DRAINAGE CROSS SECTIONS

|  |
| --- |
| Step 1 – Create Base Sheets File in ProjectWise* Instruction Document - OnBase - 01 Create Base Sheets Files in Projectwise
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* Use Seed File “00000 Sheets Drainage X Sections.dgn”
 |
| Step 2 – Create Cross Section Sheets* Instruction Document - OnBase - Creating Cross Section Sheets
* Video –
 |
| Step 3 – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* Use Seed File “00000 Sheets Specials.dgn”
 |
| Step 2 – Set Up Reference Files and Level Displays * Instruction Document – OnBase - 02 Setting up Sheets Files
* Video - OnBase - 02 Setting up Sheets Files - Video
 |
| Step 3 – Create Drawing Models and Sheet Models * Instruction Document – OnBase - 03 Create Plan Sheets in ORD
* Video - OnBase - 03 Create Plan Sheets in ORD - Video
 |
| Step 4a – Place the Map Feature Labels* Instruction Document – OnBase - 04 Placing Map Feature Labels on Plan Sheets
* Video - OnBase - 04 Placing Map Feature Labels on Plan Sheets - Video
 |
| Step 4b – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* DGN –
 |

X – CROSS SECTIONS

|  |
| --- |
| Step 1 – Create Base Sheets File in ProjectWise* Instruction Document - OnBase - 01 Create Base Sheets Files in Projectwise
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* Use Seed File “00000 Sheets X Sections.dgn”
 |
| Step 2 – Create Cross Section Sheets* Instruction Document - OnBase - Creating Cross Section Sheets
* Video –
 |
| Step 3 – Place all Remaining Title Block Information* Instruction Document – OnBase - 04 Placing Title Block Information for Roadway Plans
* Video – OnBase - 04 Placing Title Block Information for Roadway Plans - Video
* 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
* Video - OnBase - 01 Create Base Sheets Files in Projectwise - Video
* Use Seed File “NDOT\_2D\_Seed.dgn”
 |
| Step 2 – Place Section and Corporate Limit Lines* Instruction Document - OnBase - Place Section and Corporate Limit Lines
* Video –
 |
| Step 3 – Annotate Drive Centerline* Instruction Document – OnBase - Annotate Drive CL with Civil Labeler
* Video –
 |
| Step 4 – Annotate Utilities* Instruction Document – OnBase - Annotate Topog with Civil Labeler
* Video –
 |
| Example Documents* PDF –
* DGN –
 |