# ORD Survey Files – SS2 Conversion Checklist

As outlined in the [**SS2 Survey Implementation into ORD**](https://www.tn.gov/content/dam/tn/tdot/roadway-design/documents/tdot-ord-workspace/SS2%20Survey%20Implementation%20into%20ORD.pdf) document, there may be various attributes/features within the developed ORD files that need to be updated[[1]](#footnote-1). The following **ORD Survey Files –** **SS2 Conversion Checklist** has been developed to review these developed files to assure appropriate lifestyles, scale, naming, etc. This checklist must be completed by the designer/design team before designing the project in ORD.

This checklist must be completed and submitted as part of the formal, overall project deliverable package.

**Note:** If the global linestyle scale is set to reference for referenced sheets, imported SS2 linestyles will not be at the correct scale in the design files, but will be in the sheet files. This should be verified once sheets are created.

# Project Information

|  |  |
| --- | --- |
| **County:** | Choose an item. |
| **Federal Project No.:** | Click or tap here to enter text. |
| **PIN:** | Click or tap here to enter text. |
| **Description:** | Click or tap here to enter text. |
| **Submitted by Surveyor:**  **(TDOT or Consultant)**  **Date:** | Click or tap here to enter text.  Click or tap here to enter text.  Click or tap here to enter text. |
| **Survey Reviewed By:** | Click or tap here to enter text. |
| **Submitted by TDOT Regional Survey Manager:** | Click or tap here to enter text. |
| **Submission Date:** | Click or tap here to enter text. |
| **Comments**:  Click or tap here to enter text. | |

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In the ***Verified*** column, select either **Yes**, **No**, or **N/A** for the verification status of each documentation/task.

The designer/design team may provide additional information in the space provided at the end of the ORD Survey Files – SS2 Conversion Checklist.

| Category  Subcategory | Documentation/Task | Verified |
| --- | --- | --- |
| Settings |  |  |
|  | TDOTSeed2D.dgn seed file was used to create Alignment.dgn file | Choose an item. |
|  | SS2 Survey.dgn file is referenced, and within the attachment properties the global linestyle scale is set to reference[[2]](#footnote-2) | Choose an item. |
|  | Use of most current TDOT feature codes, feature definitions, and elements | Choose an item. |
|  | File name aligns with TDOT ORD File Naming Convention Standards | Choose an item. |
|  | Used State Plane NAD83 (2011) coordinate system, i.e. *TN83/2011F – NSRS11 (NAD83/ 2011) Tennessee State Plane Zone, US Foot* | Choose an item. |
|  | Applicable DGN drawing scale[[3]](#footnote-3) | Choose an item. |
| General |  |  |
|  | Confirm that the 12 SS2 survey linestyles do not need to have the scale changed | Choose an item. |
|  | Check scale for all SS2 survey linestyles in the sheet models | Choose an item. |
|  | Checked for complex elements that may not have been scaled correctly | Choose an item. |
|  | North arrow properly oriented | Choose an item. |
| Planimetric |  |  |
|  | \_SS2\_ level filters generate correct settings for plan sheets and design files | Choose an item. |
|  | All survey points appear correctly | Choose an item. |
|  | All survey text appears correctly | Choose an item. |
|  | All survey linestyles appear correctly | Choose an item. |
| Bridge (if applicable) |  |  |
| Railroad (if applicable) |  |  |

# ORD Survey Files – SS2 Conversion Checklist Additional Information

Click or tap here to enter text.

1. For utilizing an SS2 survey in an ORD project, the designer/design team must first reference and implement the “SS2 Survey Implementation” zip file located under the ORD Resources section of the TDOT ORD webpage **before completing this checklist**: <https://www.tn.gov/tdot/roadway-design/tdot-cadd-support/tdot-openroads-designer/ord-resources.html> [↑](#footnote-ref-1)
2. This applies any time the survey is referenced. [↑](#footnote-ref-2)
3. The designer/design team may opt for creating a 200 scale model of the project’s survey file. (Linestyles should not need to be scaled for this 200 scale sheet.) Otherwise, any text created in SS2 will need to be manually scaled up to 200. [↑](#footnote-ref-3)