# ORD Survey Data Checklist

As outlined in TDOT’s ***Requirements for Model-Centric Design*** document, there are four (4) expected deliverables from the Survey phase to Design (also detailed in the Survey (ORD) training manual Appendix A):

1. **Survey** file containing 2D graphics imported from the original Field Book(s) (e.g. utilities (plan), pavement edges, buildings, vegetation, etc).
2. **Terrain** file containing the existing DTM features (e.g. contours, triangles, etc).
3. **Alignment** file containing the survey preliminary alignment and projected utilities (profile).
4. **Utility** file containing the existing drainage and utility model (plan).

The following ORD Survey Data Checklist (as well as the project information table) should be completed by surveyors/survey team, prior to submitting project files to the design manager. This completed document should accompany the project files during the formal submittal package. *(Note that this checklist does not substitute the survey checklist for field and office procedures, as referenced and outlined in the TDOT Survey Manual, but instead accompanies it and other procedural documents in place.)*

### 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 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. | |

### ORD Survey Data Checklist

Instructions: In the Verified column, select either Yes, No, or N/A for the verification status of each task for each file category.

| File Category | Task | Verified |
| --- | --- | --- |
| Survey | TDOTSeed3D.dgn seed file was used to create Model.dgn file | Choose an item. |
|  | File name aligns with TDOT standard naming convention for ORD deliverables | 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. |
|  | All field codes were imported and mapped accordingly | Choose an item. |
|  | All survey locators are the correct scale | Choose an item. |
|  | Additional survey features added in the office | Choose an item. |
|  | Plan annotation applied and edited as needed | Choose an item. |
| Terrain | TDOTSeed3D.dgn seed file was used to create Terrain.dgn file | Choose an item. |
|  | File name aligns with TDOT standard naming convention for ORD deliverables | 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. |
|  | Existing terrain created using the Survey Existing Ground Feature Definition | Choose an item. |
|  | Terrain edits made | Choose an item. |
| Alignment | TDOTSeed2D.dgn seed file was used to create Alignment.dgn file | Choose an item. |
|  | File name aligns with TDOT standard naming convention for ORD deliverables | 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. |
|  | Horizontal chain(s) created using the Survey Preliminary Centerline Feature Definition | Choose an item. |
|  | Vertical profile drawing model(s) created | Choose an item. |
|  | All existing utilities (non-modeled and modeled) projected to the applicable centerline profile | Choose an item. |
|  | Plan and Profile annotation applied and edited | Choose an item. |
| Utility | TDOTSeed2D.dgn seed file was used to create Utility.dgn file | Choose an item. |
|  | File name aligns with TDOT standard naming convention for ORD deliverables | 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. |
|  | All existing drainage and utility models created (plan view) | Choose an item. |