| **Item #** | **Review Item** | **Yes** | **No** | **N/A** |
| --- | --- | --- | --- | --- |
|  | Title Sheet |
|  | Description, County, Project (WBS) and Reference (TIP) Numbers Correct | [ ]  | [ ]  | [ ]  |
|  | Table of Contents Included | [ ]  | [ ]  | [ ]  |
|  | Table of Contents Correct  | [ ]  | [ ]  | [ ]  |
|  | Correct Title Sheet Used (check caution notice for Design-Build language) | [ ]  | [ ]  | [ ]  |
|  | Personnel included and date correct | [ ]  | [ ]  | [ ]  |
|  | Sealed | [ ]  | [ ]  | [ ]  |
|  | Legend Sheet(s) |
|  | Current legend used (DATE: 8-15-14 in lower right corner) | [ ]  | [ ]  | [ ]  |
|  | Benchmarks listed including station, offset, Northing, Easting, and Elevation | [ ]  | [ ]  | [ ]  |
|  | Equipment list correct, all rigs and equipment from field logs included | [ ]  | [ ]  | [ ]  |
|  | All abbreviations included in the note section that are not listed such as FIAD | [ ]  | [ ]  | [ ]  |
|  | Supplemental Legend for Geological Strength Index included for projects with rock coring | [ ]  | [ ]  | [ ]  |
|  | Site Plan |
|  | Alignment and Station Intervals shown (at least 2 stations labeled) | [ ]  | [ ]  | [ ]  |
|  | North arrow shown and correct | [ ]  | [ ]  | [ ]  |
|  | Scalable to common engineer scale (10, 20, 30, 40, 50, 60) | [ ]  | [ ]  | [ ]  |
|  | Existing and proposed structure and roadway shown (final survey, design) | [ ]  | [ ]  | [ ]  |
|  | Bridge Number included if existing structure present | [ ]  | [ ]  | [ ]  |
|  | Bridge bent skew noted on plan sheet | [ ]  | [ ]  | [ ]  |
|  | Boring symbols correct for type of boring | [ ]  | [ ]  | [ ]  |
|  | Boring Symbols plotted in correct alignment, station, offset as on field/final logs | [ ]  | [ ]  | [ ]  |
|  | Borings labeled with identifiers | [ ]  | [ ]  | [ ]  |
| 1.
 | Profile |
|  | Existing ground line shown and reference noted (surveyed or .tin file) | [ ]  | [ ]  | [ ]  |
|  | Scalable to common engineer scale (10, 20, 30, 40, 50, 60) horizontally and vertically with any exaggeration noted | [ ]  | [ ]  | [ ]  |
|  | Proposed bent centerline location indicated above profile | [ ]  | [ ]  | [ ]  |
|  | Boring cylinders are at correct station per field logs | [ ]  | [ ]  | [ ]  |
|  | Boring identifier, station, offset and alignment shown above boring | [ ]  | [ ]  | [ ]  |
|  | Sample designations for tested samples above correct boring cylinders | [ ]  | [ ]  | [ ]  |
|  | Shelby Tube and/or rock tests are shown at appropriate depth (if tested) | [ ]  | [ ]  | [ ]  |
|  | N-Values correct per field logs | [ ]  | [ ]  | [ ]  |
|  | Soil symbology correct | [ ]  | [ ]  | [ ]  |
|  | If groundwater encountered, water symbol shown with date (depth and 0 or 24 hour) or Dry or FIAD used at bottom of cylinder with date | [ ]  | [ ]  | [ ]  |
|  | Termination or refusal noted at bottom of cylinder | [ ]  | [ ]  | [ ]  |
|  | Soil Description and Rock Description in correct locations and complete | [ ]  | [ ]  | [ ]  |
|  | Stratigraphy appears geologically reasonable | [ ]  | [ ]  | [ ]  |
|  | Cross Sections |
|  | Cross Section is cut along proposed skew and matches PGD/BSR bent location | [ ]  | [ ]  | [ ]  |
|  | Scalable to common engineer scale (10, 20) | [ ]  | [ ]  | [ ]  |
|  | Boring identifier, station, offset and alignment shown above boring | [ ]  | [ ]  | [ ]  |
|  | Sample designations for tested samples above correct boring cylinders | [ ]  | [ ]  | [ ]  |
|  | Boring cylinders are placed along the bent line, and projected perpendicular to the bent line, not the centerline | [ ]  | [ ]  | [ ]  |
|  | N-Values correct per field logs | [ ]  | [ ]  | [ ]  |
|  | Soil symbology correct | [ ]  | [ ]  | [ ]  |
|  | If groundwater encountered, water symbol shown with date (depth and 0 or 24 hour) or Dry or FIAD used at bottom of cylinder with date | [ ]  | [ ]  | [ ]  |
|  | Termination or refusal noted at bottom of cylinder | [ ]  | [ ]  | [ ]  |
|  | Soil Description and Rock Description in correct locations and complete | [ ]  | [ ]  | [ ]  |
|  | Stratigraphy appears geologically reasonable | [ ]  | [ ]  | [ ]  |
|  | Soil stratigraphy matches that shown on profiles | [ ]  | [ ]  | [ ]  |
|  | Final Logs |
|  | Header information complete and correct per redlined field logs | [ ]  | [ ]  | [ ]  |
|  | Blow counts correct | [ ]  | [ ]  | [ ]  |
|  | N-Value and graph complete and correct | [ ]  | [ ]  | [ ]  |
|  | Moistures complete and correct (Description letter or percent) | [ ]  | [ ]  | [ ]  |
|  | Soil descriptions complete and match legend | [ ]  | [ ]  | [ ]  |
|  | Soil symbols correct | [ ]  | [ ]  | [ ]  |
|  | Water symbol shown (depth and 0 or 24 Hour) | [ ]  | [ ]  | [ ]  |
|  | Termination statement included and correct | [ ]  | [ ]  | [ ]  |
|  | Stratigraphic breaks appear reasonable and correct | [ ]  | [ ]  | [ ]  |
|  | Laboratory tested samples noted on log | [ ]  | [ ]  | [ ]  |
|  | Rock core description coincides with Legend | [ ]  | [ ]  | [ ]  |
|  | Core run times listed | [ ]  | [ ]  | [ ]  |
|  | RQD/REC % listed appropriately and correct | [ ]  | [ ]  | [ ]  |
|  | Strata RQD/REC % listed appropriately and correct | [ ]  | [ ]  | [ ]  |
|  | Core depths correct | [ ]  | [ ]  | [ ]  |
|  | Appropriate notes listed on log | [ ]  | [ ]  | [ ]  |
|  | Core photos included and legible | [ ]  | [ ]  | [ ]  |
|  | Core photos scaleable and properly notated | [ ]  | [ ]  | [ ]  |
|  | Laboratory Testing Data (Soil and/or Rock) |
|  | All lab data located in the back of the report | [ ]  | [ ]  | [ ]  |
|  | Appropriate laboratory testing checklist used and attached for laboratory testing performed | [ ]  | [ ]  | [ ]  |
|  | Site Photo |
|  | Shows Alignment with arrow pointing upstation and labeled | [ ]  | [ ]  | [ ]  |
|  | If stream crossing, label flow and flow direction with arrow | [ ]  | [ ]  | [ ]  |
|  | No more than one page of site photos with four or less photos on the page | [ ]  | [ ]  | [ ]  |

*For items marked* ***No*** *that require further explanation, provide comments, or action items in the table below.*

| **Item #** | **Comments and Action Items** |
| --- | --- |
|  Click to edit. |  Click to edit. |

|  |
| --- |
| ***This checklist may not be comprehensive to every project. All items may not be applicable for smaller projects. It is the responsibility of the reviewer to ensure that an adequate review is performed.*** |
| **QC Reviewer Name:** |  Click to edit. | **Date:** |  Click to edit. |
| **QC Reviewer (Signature):** |  |