PDN Stage 4HY1 – Hydraulics QC Checklist

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| --- | --- |
| **SPOT ID/Project TIP #:** |  Click or tap to edit. |
| **County:** |  Click or tap to edit. |

4HY1: Complete Any Open Hydraulic Tasks

| **Item #** | **Review Item** | **Yes** | **No** | **N/A** |
| --- | --- | --- | --- | --- |
|  | **General** |  |  |  |
|  | All revisions to the drainage have followed appropriate QC processes according to the type of revisions made |[ ] [ ] [ ]
|  | PDF copy of redlines is complete and up-to-date with all revisions, and submitted as a “final” key document on project’s Preconstruction SharePoint site |[ ] [ ] [ ]
|  | All Bridge/Culvert Survey Reports are up-to-date with any applicable revisions and submitted as “final” key documents on project’s Preconstruction SharePoint site |[ ] [ ] [ ]
|  | All comments and action items from previous QC/QA reviews have been addressed and resolved appropriately. |[ ] [ ] [ ]
|  | Documentation of design decisions such as design exceptions, alternates considered, or any economic analyses performed, is complete and posted on the Project’s Preconstruction Site |[ ] [ ] [ ]
| * 1.
 | All Hydraulic related risk assessments are resolved and properly recorded in the Risk Assessment Worksheet (RAW) |[ ] [ ] [ ]
|  | All avoidance and minimization measures are properly recorded in the Avoidance and Minimization Tracker |[ ] [ ] [ ]
|  | NCDOT Project Manager has been informed of any changes to the proposed structure or design that differ from what was recommended in the planning document |[ ] [ ] [ ]
|  | **Environmental Permits** |  |  |  |
|  | All required permit drawings have been submitted to and accepted by ECAP including updates for any revisions made during this phase |[ ] [ ] [ ]
|  | All previous review comments for the permit drawings from Hydraulics or others have been resolved |[ ] [ ] [ ]
|  | SMP is up-to-date with any revisions and submitted as a “final” key document on project’s Preconstruction SharePoint site |[ ] [ ] [ ]
|  | **FEMA Compliance** |  |  |  |
|  | All required State Floodplain Compliance (SFC) and/or CLOMRs have been approved |[ ] [ ] [ ]
|  | All compliance documentation has been submitted as “final” key documents on the project’s Preconstruction SharePoint Site |[ ] [ ] [ ]

*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. |

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| **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 all necessary information has been provided and an adequate review performed.** |
| **QC Reviewer Name:** |  Click to edit. | **Date:** |  Click to edit. |
| **QC Reviewer (Signature):** |  |  |  |