3GT3 – Design Scour Memo - QC Checklist

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| --- | --- |
| **SPOT ID/Project TIP #:** |   |
| **County:** |   |

3GT3 Design Scour Memo

|  | **Review Item** | **Yes** | **No** | **N/A** |
| --- | --- | --- | --- | --- |
|  | Design Scour Elevation Memo |
|  | Has the design scour elevation (DSE) been calculated according to Section 5.1.3.4 of the GEU manual for each bent? | [ ]  [ ]  | [ ]  | [ ]  |
|  | Has the DSE been compared to the criteria outlined in the Design Scour Elevation – Revised Policy memo dated November 30, 2022? | [ ]  | [ ]  | [ ]  |
|  | Is the memo going to the correct person? | [ ]  | [ ]  | [ ]  |
|  | If necessary, is the correct person listed for attention? | [ ]  | [ ]  | [ ]  |
|  | Description, County, Project (WBS) and Reference (TIP) Numbers Correct? | [ ]  | [ ]  | [ ]  |
|  | Memo includes table showing location / bent number, theoretical scour elevation, historical scour elevation, design scour elevation, and question: Does DSE Impact End Bents? | [ ]  | [ ]  | [ ]  |
|  | Source of Theoretical Scour Elevation documented? | [ ]  | [ ]  | [ ]  |
|  | Description of relevant subsurface investigation findings and scourability? | [ ]  | [ ]  | [ ]  |

*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 an adequate review is performed..*** |
| **QC Reviewer Name:** |  Click to edit. | **Date:** |  Click to edit. |
| **QC Reviewer (Signature):** |  |  |  |