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| DOTLOGO2 |  **Drilled Shaft Qualifications** **and Installation Plan** |
|  |
| Structure Number: |       | Completed by: |       | Route: |       |
| Abutment/Pier No.(s): |       | District Reviewer: |       | Section: |       |
| Shaft Diameters and Lengths: |       | County: |       |
| Closest Boring(s): |       | Contract: |       |
|  |
| **Contractor Qualifications:** |
| General Contractor: |       | Drilled Shaft Contractor: |       |
| Drilled Shaft Supervisor: |       | Experience:  |       | Rig Operator: |       | Experience: |       |
| Reference 1: |       |
| Reference 2: |       |
| Reference 3: |       |
|  |
| **Installation Procedure:** |
| **Equipment** |
| Drill Rig - Manufacturer, Model & Capacity |       |
| Crane - Manufacturer, Model & Capacity |       |
| Excavation Tools – Augers, Core Barrels, Diameter(s), Types, etc. |       |
| Casing – Diameters, Lengths, Perm/Temp |       |
| Slurry – Pumps, Desanding, Tanks, etc. |       |
| Cleaning – Air Lifts, Muck Buckets, Pumps  |       |
| Concrete – Pump, Hopper, Tremie Dia. |       |
|  |
| **General Sequence**  |
| Substructure Sequence and Sequence Within Footings |       |
| Min. Strength or Delay Before Drilling Next to Recent Shaft |       |
|  |
| **Shaft Excavation** |
| Drilling & Casing Installation and Removal Sequence (diameters and elevations) |       |
| Slurry - Type, Mix/circulate Methods, Desanding, Testing |       |
|  |
| **Shaft Cleaning and Inspection** |
| Methods used to clean the shaft excavation prior to concrete placement |       |
| Methods To Demonstrate Shaft Cleanliness |       |
|  |
| **Rebar and Concrete Placement** |
| Description of Rebar Centralizers/Spacers Placement and Cage Lifting Sling |       |
| Concrete Mix Design - Add Mixtures,Max. Aggregate Size, Slump, etc. |       |
| Placement By Free fall, Tremie, or Pump |       |
| Casing & Tremie/Pump Removal Sequence |       |
| Overfilling and final top finishing |       |
|  |
| **Disposal and Site Protection Plans** |
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