**WYOMING DEPARTMENT OF TRANSPORTATION**

**DRILLED SHAFT EXCAVATION AND INSTALLATION FORM**

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| Project No. & Name: |  |
| Contractor: |  | Superintendent: |  |
| Drilled Shaft Contractor: |  | Superintendent:Driller: |  |
| Submitted by: |  | Date: |  |

In preparing the Drilled Shaft Excavation and Installation Form, reference the subsurface geotechnical data provided in the contract.

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| EQUIPMENT |
|  | Make | Model | Depth Capacity (ft.) | Maximum drill diameter (ft.) |
| Drill Rig: |  |  |  |  |
|  | Make | Model | Height (ft.) | Lift Capacity (lbs.) |
| Crane (1) |  |  |  |  |
| Crane (2) |  |  |  |  |
|  | OD | ID | Length (ft.) | Weight (lbs.) |
| Casing |  |  |  |  |

Describe inner excavation tooling i.e. augers, core bit, and final cleaning equipment you propose to use:

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EXCAVATION METHODS

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| Describe your proposed drilling method: |
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| Describe the proposed cleanout method: |
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| Describe how the temporary casing will be installed, advanced and extracted? |
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Describe how you propose to keep the shaft reinforcement in the proper location and alignment while removing the casing:

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| Concrete Supplier: |  |
| Concrete Slump: | CONCRETE |
| Will the Concrete maintain its slump for the 2-hour placement limit? | Yes/No |
| Pump Truck: | Make |  | Model |  |
| Tremie: | Diameter |  | Length |  |
| End dumping of concrete is only permitted for shaft excavations that are dry, less than 25' deep, and where the concrete does not strike the reinforcing steel or the sides of the drilled shaft excavation. |

If appropriate, describe your procedures for protecting existing structures, utilities, roadways, railroad and

other facilities during drilled shaft construction:

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Attach a safety plan including how personnel will be protected during drill operations and how the inspector can safely grab samples to confirm material, measure the final depth of the shaft, check the bottom of the shaft for cleanliness, or perform other duties as necessary.