

DRILLED SHAFT INSPECTION RECORD FOR ANCILLARY FREEWAY STRUCTURES, HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNAL FOUNDATIONS

DISTRIBUTION: Original – Construction Engineer, Copies – Region Soils/Materials Engineer,
Bureau of Bridges and Structures/Geotechnical Services Section

PROJECT NAME	CONTROL SECTION	JOB NUMBER	DATE
PRIME CONTRACTOR	SUBCONTRACTOR	CONTRACTOR'S ON-SITE REPRESENTATIVE	
CONSTRUCTION ENGINEER	PROJECT ENGINEER	INSPECTOR	
DRILL RIG DETAILS	STRUCTURE NUMBER	SHAFT LOCATION/NUMBER	
DO YOU HAVE A COPY OF THE APPROVED DRILLED SHAFT INSTALLATION PLAN? YES NO			
SHAFT DETAILS	PLAN	AS BUILT	WAS A DRILLING SLURRY USED? YES NO
SHAFT DIAMETER			NOTE: If yes to above question, use only polymer type slurry.
TOP OF SHAFT ELEVATION			CONCRETE PLACEMENT METHOD Free-Fall Tremie
SHAFT LENGTH			NOTES: If placing concrete using tremie methods, the end of the tremie pipe must be within one tremie tube diameter of the base according to Subsection 718.03.H.2 of the <i>Standard Specification for Construction</i> . After reinforcement cage is set, check the shaft depth at the center and around the edge of the shaft. If material entered the shaft after the cage was set, the reinforcement cage needs to be removed and the entire cross-section of the shaft needs to be cleaned according to Subsection 718.03.F.1 of the <i>Standard Specification for Construction</i> .
CASING DIAMETER (O.D.)			
TOP CASING ELEVATION			
CASING LENGTH			
WAS SHAFT BOTTOM CLEANED IN ACCORDANCE WITH SUBSECTION 718.03.F.1? YES NO *			WATER DEPTH AT START OF CONCRETE PLACEMENT
DOES REINFORCING CAGE MEET SPECIFICATIONS? YES NO *			PLAN CONCRETE VOLUME ACTUAL CONCRETE VOLUME
NOTE: USE ONLY NON-CORROSIVE ROUND PLASTIC SPACERS FOR CENTERING REINFORCING CAGE.			GRADE OF CONCRETE AIR CONTENT % 3500 3500 HP
REINFORCING CAGE SUPPORT METHOD SUSPENDED CONCRETE BLOCKS			SLUMP FREE-FALL (DRY POUR) 6"-8" TREMIE (WET POUR) 7"-9"
IS ANCHOR BOLT ASSEMBLY BUILT TO STANDARD PLAN? YES NO *			VARIATION OF DRILLED SHAFT FROM PLUMB (ALLOWED 1%)
ARE ANCHOR BOLTS CENTERED CORRECTLY? YES NO *			SHAFT CONDITIONS: CLEAN CLEAN WITH FRAGMENTS WET NOT OBSERVABLE OTHER
ARE THE ANCHOR BOLTS PLACED IN THE CORRECT ORIENTATION? YES NO *			
GROUNDWATER CONDITIONS NONE SEEPAGE CONTINUOUS			
DEPTH & TIME	TYPE OF SOIL/ROCK & COMMENTS (e.g., Water/Seepage, Caving Soil Layers, Obstructions, etc.)		

* NOTE: If answer is "No", do not pour the foundation. Seek corrective action before proceeding.

DEPTH & TIME	TYPE OF SOIL/ROCK & COMMENTS (e.g., Water/Seepage, Caving Soil Layers, Obstructions, etc.)

TRUCK NUMBER	ACTUAL CONCRETE VOLUME Poured	START TIME	FINISH TIME	WATER/SLURRY DEPTH (If applicable)	DEPTH TO TOP OF CONCRETE	DEPTH OF TREMIE TUBE INTO CONCRETE (If applicable)	NOTES (Delays, Additives, Breaching, Casing Removal)

OTHER COMMENTS: (Drilling equipment changes, contractor communications, weather, concrete operations, changes to design, etc. See Standard Specification Section 718 for additional details on drilled shaft construction).