

Inspector Quantlist Report 20250320

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division VI: Structures

Title: Drilled Shaft Placement (Dry Excavation)

Structure Number:	Shaft Number:
Structure Name:	Abutment 1 or 2:
Station:	Pier Number:

Attribute Numbers	Yes, No N/A	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting?	2024 Construction Manual pg. 609-106
1.		Has a mix design been submitted and approved by the Engineer?	2021 Standard Specifications 609-1.03 pg. 664
2.		Has a Certificate of compliance conforming to the requirements of Standard Specification Sub-Section 106.05 been submitted for liquid-membrane forming (curing) compound?	2021 Standard Specification 1006-6.01 (C) pg. 1181
3.		Has an installation plan been submitted and approved by the engineer?	2021 Standard Specifications 609-1.03 pg. 664
4.		Has the contractor submitted a safety plan and is it being followed? (the plan satisfies occupational safety guidelines in all construction activities involved in the project)	2021 Standard Specifications 107.08 pg. 100
5.		Has the contractor furnished a Certificate of Compliance conforming to the requirements of Subsection 106.05 and Special Provisions 106.15 which state that steel or iron products incorporated in the project meet the "Buy America"?	Special Provisions 106.15 2021 Standard Specifications 106.05 pg. 89
6.		Have adequate survey offset points been set to allow for verification of the center axis of the hole and rebar cage locations?	2021 Standard Specifications 609-3.03 pg. 667 925-3.01 pg.1103
7.		Was the confirmation shaft constructed to verify the contractor's means and methods to proceed?	2021 Standard Specifications 609-3.02 pg. 667
8.		Are water and contaminated concrete contained as provided for in the approved project SWPPP?	Erosion and Pollution Control Manual NS-3 Special Provisions 104.09
9.		Is the contractor checking and verifying compliance of plumbness for each shaft and submitting the results to the Engineer? (maximum deviation = 1.5%)	2021 Standard Specifications 609-3.03 pg. 667

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10.		Has the maximum variation from the drilled shaft axis been checked and documented on each shaft? (maximum allowed is 5% of the shaft diameter, not to exceed three inches from the plan's location)	2021 Standard Specifications 609-3.03 pg. 667
11.		If caving conditions are encountered, has the drilling been postponed until a construction method is employed that will prevent excessive caving and which is acceptable to the Engineer?	2021 Standard Specifications 609-3.03 pg. 667
12.		If casing is proposed to prevent excessive caving, is the inside diameter of the casing not less than the specified drill shaft size?	2021 Standard Specifications 609-2.03 pg. 666 609-3.03 pg. 667
13.		When steel casing is used, it conforms to the requirements of AASHTO M270 (ASTM A709), Grade 36, unless otherwise specified?	2021 Standard Specifications 609-2.03 pg. 666
14.		After the completion of the drilled shaft excavation and prior to the placement of the reinforcing steel cage and concrete, was all loose material cleaned from the shaft?	2021 Standard Specifications 609-3.03 pg. 667
15.		Unless separated by a minimum of four shaft diameters measured center to center, adjacent shafts are not drilled until the concrete in the first shaft has been in place for a minimum of 48 hours?	2021 Standard Specifications 609-3.03 pg. 667
16.		Are open excavations covered at the end of each shaft per the approved safety plan?	2021 Standard Specifications 107.08 pg. 99
17.		A Reinforcing steel quantlist has been completed?	Construction Bulletin 07-01
18.		Reinforcing steel cage meets casing dimensions, material and splice details per the approved plan and set in drill shaft?	2021 Standard Specifications 609-1.03 pg. 664
19.		Was the concrete placement started within 24 hours after completion of the drilled shaft excavation?	2021 Standard Specifications 609-3.07 (A) pg. 682
20.		All concrete was placed in accordance with section 601 of the specifications?	2021 Standard Specifications 609-3.07 (A) pg. 682
21.		If slurry excavation is used concrete was placed the same day that the excavation was completed?	2021 Standard Specifications 609-3.07 (A) pg. 682
22.		For dry uncased excavations: was the concrete slump 4 to 7 inches at the time of placement?(All other excavations, at time of concrete placement will be 7 to 10 inches)	2021 Standard Specifications 609-3.07 (A) pg. 682
23.		The uninterrupted delivery of concrete occurred so that all drilled shaft foundations were constructed without cold joints?	2021 Standard Specifications 609-3.07 (A) pg. 682
24.		During concrete placement, from start to finish, the rate of rise of the top of concrete in the drilled shaft was at least 40 feet per hour?	2021 Standard Specifications 609-3.07 (A) pg. 682
25.		Tremie downpipes are steel with an inside diameter of at least 10 inches for shafts four feet or greater in diameter?	2021 Standard Specifications 609-3.07 (A) pg. 682

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26.		Pump Pipes are steel with an inside diameter of at least 5 inches?	2021 Standard Specifications 609-3.07 (A) pg. 682
27.		The reinforcing cage and excavation walls were not affected by falling concrete placement?	2021 Standard Specifications 609-3.07 (B) pg. 683
28.		Was the concrete vibrated in the top 10 feet of the shaft?	2021 Standard Specifications 609-3.07 (B) pg. 683
29.		Did curing begin immediately after completion of finishing of the fresh concrete? (all cast-in-place concrete is cured by one, or by a combination of more than one of the curing methods specified herein)	2021 Standard Specifications 1006-6.01 (A) pg. 1180
30.		Quantlist Minimum Frequency is being followed, once a week?	Construction Bulletin 07-01