

PILE INSPECTOR'S CHECKLIST

The following is a general checklist to follow when driving a Pile. The answer to each of these, if applicable, should "yes" unless plans, specifications, or specific approval has been given otherwise. CONSULT WITH THE RESPONSIBLE PROJECT ADMINISTRATOR FOR YOUR SPECIFIC PROJECT RESPONSIBILITIES.

EARLY REQUIREMENTS	Yes	No	NA
1. Do you have a copy of the Plans including latest revisions & located relevant items? (ex: Pile Date Table)	1	1	
2. Do you have and reviewed the accepted Pile Installation Plan?	2	2	
3. Are Dynamic Load Tests required and if so, is the PDA Engineer coordinated with?	3	3	
4. Do you have the current version of the FDOT Pile Driving Record form?	4	4	
5. Have you setup Structure Files and Bent/Pier Models in the program?	5	5	
6. Have you made the Initial Pile Data entries and Standard Notes entries in the program?	6	6	
7. Have you scheduled or attended a Pre-Driving meeting with the PA/Geotechnical Engineer?	7	7	
TEST PILE PROGRAM			
8. Has the Contractor met the requirements of 455-1.1, Protection of Existing Structures (or new 108)?	8	8	
9. Has the site preparation been completed for footings/excavations/abutments in accordance with 455-1.2 & 455-1.2.1?	9	9	
10. Have the requirements of 455-1.4, Vibrations of Freshly Placed Concrete been met?	10	10	
11. If a Cofferdam is required, does the Contractor have a qualified diver and safety diver for inspections in accordance with 455-1.3, Cofferdams?	11	11	
12. If underwater diving is required, are the divers equipped with voice communications, per 455-1.3, Cofferdams?	12	12	
13. Does the Contractor have the hammer equipment indicated in the Pile Installation Plan on-site?	13	13	
a. CLOSED END DIESEL HAMMER	A1	A1	
- Does the hammer have at least three fuel settings for the rebound stroke? (455-5.2.2)	A2	A2	
- Does the Contractor have a Bounce Chamber Pressure Gauge? (455-5.2.2)	A3	A3	
- Has the Bounce Chamber been calibrated within the last 30 days and a Chart provided? (455-5.2.2)	B1	B1	
b. OPEN END DIESEL HAMMER	B2	B2	
- Does the hammer have at least three fuel settings for the rebound stroke? (455-5.2.2)	B3	B3	
- Has the Contractor provided the hammer manufacturer's chart equating stroke and blows per minute? (455-5.2.2)	C1	C1	
- Has the Contractor provided an approved device automatically determine and display ram stroke? (455-5.2.2)	C2	C2	
c. AIR/STEAM HAMMER	D1	D1	
- Does the air plant have gauges that are easy to read? (455-5.2.1)	D2	D2	
- Does the hammer have a slide bar capable of a minimum of two stroke height settings? (455-5.2.1)	D3	D3	
d. HYDRAULIC HAMMER	14	14	
- Does the hammer have at least three settings for reduced stroke height? (455-5.2.3)	15	15	
- Has pressure measuring equipment been calibrated? (455-5.2.3)	16	16	
- Have you been provided a means to determine hammer energy? (455-5.3.1)	17	17	
14. Is the cap-block (hammer cushion) in good condition? (455-5.3.1)	18	18	
15. Does the cap-block (hammer cushion) match the Contractor's submittal (type, size, thickness, etc.)? (455-5.3.1)	19	19	
16. Is the pile cushion new? (455-5.3.2)	20	20	
17. Does the pile cushion match the Contractor's submittal (type, size, thickness)? (455-5.3.2)	21	21	
18. Does the pile helmet meet the requirements of 455-5.3.3?	22	22	
19. If required, does the template meet the requirements of 455-5.6?	23	23	
20. Has the Contractor furnished elevations per 455-5.6?	24	24	
21. Is a jet pump at the site, ready for use and of the proper size? (455-5.7)	25	25	
22. If Predrilling or Preforming to be done, does the drill meet the requirements of 455-5.1.1 and 455-5.9?	26	26	
23. Do the leads match the Contractor's submittal and meet the requirements of 455-5.4?	27	27	
24. Has the proper type, size, and length of pile and applicable pile documentation been provided?	28	28	
25. Have you inspected the pile for defects and if observed document and modify the PA?	29	29	
26. Has the Contractor marked the pile in the applicable increments?	30	30	
27. Is the test pile located per the plans and meet the requirements of 455-5.15.2?	31	31	
28. Does the pile meet the axial alignment of 455.5.15.3?			
29. Have you indicated this is a Test Pile in the Pile Driving Record?			
30. If applicable, have you indicated the pile has EDCs installed in the Pile Driving Record?			
31. Have you recorded the driving event in the Pile Driving Record?			