Ministry of Transportation and Transit

PILE INSTALLATION FORM

PROJECT

Project Name and No.: _____ Date: _____

Hammer Type (Check one): ☐ Drop Hammer[2] ☐ Diesel Hammer[3] ☐ Hydraulic Hammer[4] ☐ Drill / Vibro Hammer[5]

Structure Name and No.: _____ Hammer Make and Model: _____ Hammer Cushion: _____

Pile No./Element[6]: _____ Pile Size and Thickness: _____ Pile Heat No.: _____

Ground Elev.: _____ Pile Tip Elev. End of Drive: _____ Soil Plug Depth Below Ground End of Drive: _____

Depth (m)	Blows/250mm	Drop[2 4] or BPM[3 4] or Time[5] (seconds)	Remarks[1]	Depth (m)	Blows/250mm	Drop[2 4] or BPM[3 4] or Time[5] (seconds)	Remarks[1]

[1] Remarks to include start/end of piling time, splice depth, pile heat number and pipe number, measured soil plug depth (at splice, or whenever hammer removed from pile and end of driving); temporary casing size/depth; initial installation method(s); and obstructions details and damage (if any including photos), blows per set of 25 mm for at least 4 sets or until consistent after splicing or anytime pile has not been advanced within 24 hours. As well as:

[2] Drop Hammer – include drop height (m) and cushion details and helmet, ram weight.

[3] Diesel Hammer - include hammer fuel setting and blows per minute (BPM) and cushion details

[4] Hydraulic Hammer - include recorded energy, drop height, blows per minute (BPM) and cushion details

[5] Vibratory Hammer and Drilling - include equipment type and time per 250 mm depth, drill fluid type/head and any loss

[6] Pile Element - refers to abutment or pier number/name

GENERAL REMARKS

Recorded by: _____ Print Name: _____ Date: _____

Checked by: _____ Print Name: _____ Date: _____