

# MICROPILE INSTALLATION RECORD

**DISTRIBUTION: ORIGINAL** - Construction Engineer  
**COPY** - Bureau of Bridges and Structures/Geotechnical Construction Engineer

PROJECT NAME			DATE			
CONTROL SECTION		JOB NUMBER				
CONSTRUCTION ENGINEER		PROJECT ENGINEER				
INSPECTOR		PRIME CONTRACTOR				
SUBCONTRACTOR		SUPERINTENDENT				
Micropile Type:			Diagram of micropile as-built in the field. Include where casing connections and rebar connections are using elevations.			
<b>DRILLING OPERATION</b>						
Drill Operator's Name						
Drill Rig Model						
Drill Bit Type & Size						
Drill Method						
<b>Micropile Location</b>					<b>Load Details</b>	
Bridge					Design Load	
Submit					Compression	
Pile Number					Tension	
<b>TOP OF CASING WORKING ELEVATION (PILE DRIVING / GROUTING)</b>						
<b>Pile Elevation Details</b>					<b>Design</b>	<b>As-Built</b>
Pile Inclination (degrees)						
Pile Cutoff Elevation						
Pile Tip Elevation						
Bond Length Below Casing						
Total Pile Length Below Cutoff Elevation						
<b>Casing &amp; Rebar Details</b>		<b>Design</b>	<b>As-Built</b>			
Casing Diameter & Wall Thickness						
Rebar Size & Length						
Bottom of Casing Elevation						
Casing Length Below Cutoff Elevation						
Casing Length Above Cutoff Elevation						
Inside Casing Diameter (inches)						
<b>Installation Details</b>		<b>Date</b>	<b>Time</b>			
Start of Drilling						
End of Drilling						
Start of Grouting						
End of Grouting						
Pile Completion						
Total Duration (minutes)						

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DRILLING OPERATIONS			
Time	Elevation	Soil/Rock Description or Flush Returns	Comments (i.e., delays, drilling issues, other details)
GROUTING OPERATIONS			
Grouting Equipment Used		Cement Type	
Grout Supplier		Admixtures	
Theoretical Pile Volume (cft)		W/C Ratio	
Pressure Grout Volume (cft)		Specific Gravity	
Grout After Casing Plunge (cft)		Total Grout Take (cft)	
Casing Length from Top of Casing Elevation	Pressure Range Max/Average (PSI)	Comments (i.e., delays, issues, etc.)	
GROUT BATCHING OPERATIONS			
Batch Number	Volume of Batch Used (cft)	Start Time of Batch	Comments (i.e., delays, issues, etc.)
Were cubes made?      Yes      No		Were the number cubes made according to the special provision?      Yes      No	