DRILLED SHAFT CONSTRUCTION & PAY SUMMARY

Project Name _____ Page _____ of _____
FIN Project No. _____ Pier No. _____
Contractor _____ Shaft No. _____
Inspected By _____ Date _____ Station _____
Approved By _____ Date _____ Offset _____

Type of Construction
_____ Dry _____ Wet/Drill mud only
_____ Wet/Casing only _____ Wet/Drill mud and casing

Casing _____ None
_____ Removed
_____ Permanent

Notes: _____

Construction Activity	Time	Date mm/dd/yy
Set Casing	_____	_____
Begin Excavation (Below Casing)	_____	_____
Beg. Soil Excav.	_____	_____
Fin. Soil Excav.	_____	_____
Beg. Rock Excav.	_____	_____
Fin. Rock Excav.	_____	_____
Rock Core Taken	_____	_____
Overream	_____	_____
Init. Inspection	_____	_____
Fin. Inspection	_____	_____
Beg. Concrete Pl.	_____	_____
Fin. Concerte Pl.	_____	_____
Constr. Complete	_____	_____
_____	_____	_____
_____	_____	_____

Shaft Details		Plan	Built
Shaft Top El.	ST	_____	_____
Casing Top El.	CT	_____	_____
Water Table El.	WT	_____	_____
Perm. Casing ID	CID	_____	_____
Perm. Casing OD	COD	_____	_____
Ground Surf. El.	GS	_____	_____
Casing Bot. El.	CB	_____	_____
Shaft Diameter	SD	_____	_____
Top of Rock El.	RT	_____	_____
Rk. Core Top El.	RCT	_____	_____
Rock Core Dia.	RCD	_____	_____
Rock Socket Dia.	RD	_____	_____
Overream Top El.	OT	_____	_____
Overream Bot. El.	OB	_____	_____
Shaft Bottom El.	SB	_____	_____
Rk Core Bot. El.	RCB	_____	_____
_____		_____	_____
_____		_____	_____

		Length Provided (ft)/(m)	Length Adjustment (ft)/(m)	Pay Length (ft)/(m)	Notes
Permanent Casing	CT-CB	_____	_____	_____	_____
Soil Excavation	GS-RT	_____	_____	_____	_____
Rock Excavation	RT-SB	_____	_____	_____	_____
Extra Depth Excav.($SB_{plan} – SB_{built}$)		_____	_____	_____	_____
Overream Length	OT-OB	_____	_____	_____	_____
Drilled Shaft Length	ST-SB	_____	_____	_____	_____
Rock Core Length	RCT-RCB	_____	_____	_____	_____
_____		_____	_____	_____	_____
_____		_____	_____	_____	_____

<u>Adjustments</u>

Soil Excavation = $(GS – RT) \times (SB_{plan} – SB_{built})/(SB_{plan})$ = _____

Rock Excavation = $(RT – SB) \times (RD_{plan} – RD_{built})/(RD_{plan})$ = _____

Drilled Shaft Length = Excavation Adjustments + Any Other Adjustments