DRILLED SHAFT CONCRETE VOLUMES

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

Concrete Curve

Depth (ft) (m)

Concrete Volume (cy) (m^3)

Volume Delivered VD _____ cy/m^3

Volume in Lines VL _____ cy/m^3

Wastage VW _____ cy/m^3

Volume Placed
= VD-VL-VW VP _____ cy/m^3

Theoretical Volume VT _____ cy/m^3

Overpour, VP-VT OP _____ cy/m^3

Cross-Sec. Area of Rebar, Telltales, etc.
AR = [(#bars)(As) + (#telltales)(At)] AR = _____ in^2/m^2

Rock Socket Length RSL = _____ ft/m

Est. Rock Socket Volume From Curve VRS = _____ cy/m^3

Actual Rock Socket Volume
VRS + (AR)(RSL)/(3888) – VL VRS* = _____ cy
VRS + (AR)(RSL) – VL VRS* = _____ m^3

Average Rock Socket Diameter
SQRT[(4950)VSL*/RSL)] RSD = _____ in
SQRT[(1.273)VSL*/RSL)] RSD = _____ m